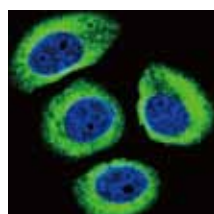


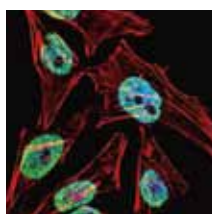
Neurodegeneration is the general term for the progressive loss of functional neurons. Many neurodegenerative disorders (see left), such as Alzheimer's disease (AD) and Parkinson's disease (PD) – the two most common neurodegenerative disorders – are characterized by the progressive accumulation of extracellular pathogenic protein species and the formation of intracellular inclusion bodies.

A common theme shared by AD and PD as well many other neurodegenerative disorders is the abnormal folding or clearance of cytotoxic protein aggregates.

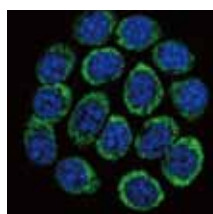
Abgent offers high-quality, in-house developed antibodies for the elucidation of neuropathological hallmarks and molecular pathways revolving around the key enzymes and molecular chaperones mentioned above. In addition, Abgent offers antibodies for the study of emerging mechanisms including altered protein metabolism and mitochondrial function along with cellular stress induced by reactive-oxygen species (ROS) or glutamatergic excitotoxicity.



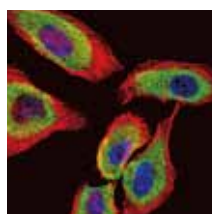
AP11761b



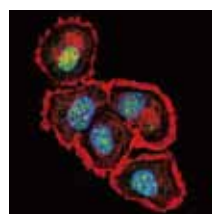
AP1410c



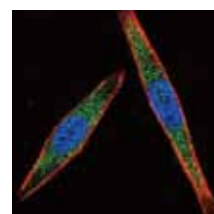
AP6930a



AP9199c



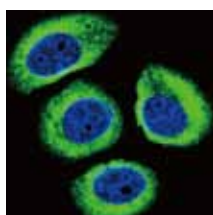
AX10010



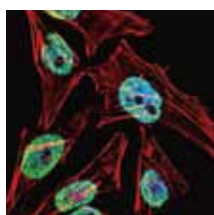
AP7712a

CAT. #	NAME	UNIPROT	APPLICATION
AM2184b	ACHE (C-term)	P22303	WB
AP6533c	ACTR2 (Center)	P61160	WB,IHC,FC
AP6738c	ADH1B (Center)	P00325	WB,IHC,IF,FC
AP4861a	AGER (N-term)	Q15109	WB,IHC,FC
AM1831a	ALDH2	P05091	WB,IHC,IF,FC
AP10107c	APOF (Center)	Q13790	WB,IHC
AP8893a	C1QB (N-term)	P02746	WB,FC
AP10172b	CCL4 (Center)	P13236	WB,IHC
AP1499a	CDH3 (N-term)	P22223	WB,IHC,FC
AP8965c	CDC37 (Center)	Q16543	WB,IHC,FC
AP7340a	CP (N-term)	P00450	WB,IHC,FC
AP7604d	CSF1R	P07333	WB,IF,FC
AP6582a	CTNA1 (N-term)	P35221	WB,IHC,FC
AM2221b	CTSD	P07339	WB
AP7879c	CYP17A1 (Center)	P05093	WB,IF

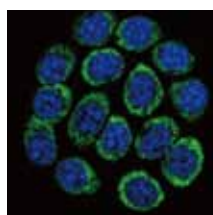
CAT. #	NAME	UNIPROT	APPLICATION
AP6407a	DJ-1 (N-term)	Q99497	WB,IF
AP8644b	CYP2E1 (C-term)	P05181	WB,IHC,FC
AP12621a	DNAJB11 (N-term)	Q9UBS4	WB,IHC
AP12326c	DVL1 (Center)	O14640	WB,IHC,IF
AP2885c	ENOB (Center)	P13929	WB,IHC,FC
AP11217c	FBXW11 (Center)	Q9UKB1	WB,IHC,FC
AP7707a	FGR (N-term)	P09769	WB,IHC,IF
AP5138b	FKBPL (C-term)	Q9UIM3	WB,IHC,FC
AP6879a	FMR1 (N-term)	Q06787	IHC,WB,FC
AP10693a	FOLR1 (N-term)	P15328	WB,IHC,FC
AP7709a	FYN (N-term)	P06241	WB,IHC,FC
AP6908a	GAB2 (N-term)	Q9UQC2	WB,FC
AP6283c	GRB2 (Center)	P62993	WB,IHC
AP7007a	GRK5 (C-term)	P34947	WB,IHC
AP6896b	GSTM1 (C-term)	P09488	WB,IHC,FC



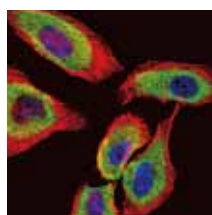
AP11761b



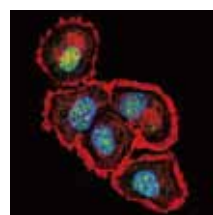
AP1410c



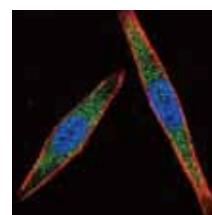
AP6930a



AP9199c



AX10010



AP7712a

CAT. #	NAME	UNIPROT	APPLICATION
AP2930c	GSTO1 (Center)	P78417	WB,IHC,FC
AP9199c	GSTP1 (Center)	P09211	IF,WB,IHC,FC
AP12899a	GSTT1 (N-term)	P30711	WB,FC
AP1334a	HSP40	P25685	WB,IHC
AM1877b	HSPA1A	P08107	WB,IF
AP8708b	HSPA6 (C-term)	P17066	WB,IHC,FC
AP8748c	HSPA7 (Center)	P48741	WB,IHC
AP14772a	HSPBP1 (N-term)	Q9NZL4	WB,IHC
AP9087a	HSPCB (N-term)	P08238	WB,IHC
AP1331a	HtrA1 (N-term)	Q92743	WB,IHC,IF
AP8612b	IL8 (C-term)	P10145	WB,IHC,IF,FC
AP8993b	JUP (C-term)	P14923	WB,IHC,FC
AP6325a	Kallikrein 6 (N-term)	Q92876	WB,IHC,FC
AP9097a	KIF11 (N-term)	P52732	WB,IHC,FC
AP8637c	KLC1 (Center)	Q07866	WB,IHC,FC
AP2945b	Klotho (C-term)	Q9UEF7	WB,FC
AP7712a	LCK (N-term)	P06239	WB,IHC,IF,FC
AP12590c	LDLRAD2 (Center)	Q5SZ11	WB,FC
AP11761b	LRP12 (C-term)	Q9Y561	WB,IHC,IF,FC
AP7713a	LYN (N-term)	P07948	WB,FC,IHC
AP7604b	MCSF Receptor (CSF1R)(C-term)	P07333	WB,IHC,FC
AP10192c	MME (Center)	P08473	WB,IHC
AP11874c	MMP1 (Center)	P03956	WB,IHC,IF
AP20519b	NDUA4 (C-term)	O00483	WB
AP11772c	NOS2A (Center)	P35228	WB,IHC,IF,FC
AP14025a	NOX4 (N-term)	Q9NPH5	WB,IHC
AP7350c	NQO1 (Center)	P15559	WB,FC,IF
AP13222b	WNT16 (C-term)	Q9UBV4	WB,IHC
AP12078c	WRN (Center T802)	Q14191	WB,FC

CAT. #	NAME	UNIPROT	APPLICATION
AP6402b	Parkin (C-term)	O60260	WB,IF,FC,IHC
AM6406a	PINK1 (Ascites)	Q9BXM7	WB,IHC
AP9253a	PLCB2 (N-term)	Q00722	WB,IHC,FC
AP7313b	PLG (C-term)	P00747	WB,IHC,FC
AP14948b	POLG (C-term)	P54098	WB,FC,IF,IHC
AP6665c	PRELP (Center)	P51888	WB,IHC
AP11553c	PTGS2 (Center P378)	P35354	WB,IHC,IF
AP2401b	RAGE (AGER) (C-term)	Q15109	WB,IHC
AP12042a	RBPJL (N-term)	Q9UBG7	WB,IHC,FC
AP6915c	SAR1A (Center)	Q9NR31	WB,IHC,FC
AP20540a	SEMA7A (N-term)	O75326	WB
AP7314b	SERPINA3 (C-term)	P01011	WB,FC
AP12919c	SERPINE1 (Center)	P05121	WB,FC
AP8514c	SLC11A1 (Center)	P49279	WB,IF
AP5842b	SNCB (C-term)	Q16143	WB,IHC
AP11762a	SOS2 (N-term)	Q07890	WB,FC
AX10010	SRC (N-term)	P12931	WB,IHC,FC,IF
AP2817c	STIP1 (Center)	P31948	WB,IHC,FC
AP12177b	STUB1 (C-term)	Q9UNE7	WB,FC
AP5670a	STX7 (N-term)	O15400	WB,IHC,FC
AP2040b	TAU (C-term)	P10636	WB,IHC,IF
AP1410c	TERT (Center)	O14746	WB,FC,IF
AP6930a	TPH1 (N-term)	P17752	WB,IHC,IF,FC
AP13769a	TRPC5 (N-term)	Q9UL62	WB,IHC
AP2118b	UBE2L6 (C-term)	O14933	WB,IHC
AP2179a	Ubiquilin1 (PLIC1) (N-term)	Q9UMX0	WB,IHC
AP2126e	UCHL1 (C-term)	P09936	WB,IHC,IF
AP8722c	VPS26A (Center)	O75436	WB,IHC,FC

About Us As your partner in research and drug discovery, Abgent offers a variety of primary antibodies widely used for the study of biological processes, signaling pathways, and disease. Most of our antibodies are developed, validated, and optimized in-house to ensure product quality, fast and accurate technical support, and availability. Please contact us or visit our website at www.abgent.com.cn to learn more about our antibodies, related products and services.