

Anti-Huntingtin Monoclonal Antibody

Catalog # ABO14559

Product Information

Application	WB, IHC, IF, ICC, FC
Primary Accession	P42858
Host	Rabbit
Isotype	Rabbit IgG
Reactivity	Rat, Human, Mouse
Clonality	Monoclonal
Format	Liquid
Description	Anti-Huntingtin Monoclonal Antibody . Tested in WB, IHC, ICC/IF, Flow Cytometry applications. This antibody reacts with Human, Mouse, Rat.

Additional Information

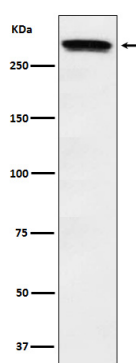
Gene ID	3064
Other Names	Huntingtin, Huntington disease protein, HD protein, Huntingtin, myristoylated N-terminal fragment, HTT, HD, IT15
Calculated MW	347603
Application Details	WB 1:500-1:2000 IHC 1:50-1:200 ICC/IF 1:100-1:500 FC 1:100
Source	Eukaryota
Contents	Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol, 0.4-0.5mg/ml BSA.
Clone Names	Clone: ADGC-8
Immunogen	A synthesized peptide derived from human Huntingtin May play a role in microtubule-mediated transport or vesicle function.
Purification	Affinity-chromatography
Storage	Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.

Protein Information

Name	HTT
Synonyms	HD, IT15

Function	[Huntingtin]: May play a role in microtubule-mediated transport or vesicle function.
Cellular Location	[Huntingtin]: Cytoplasm. Nucleus. Early endosome. Note=The mutant Huntingtin protein colocalizes with AKAP8L in the nuclear matrix of Huntington disease neurons. Shuttles between cytoplasm and nucleus in a Ran GTPase- independent manner (PubMed:15654337). Recruits onto early endosomes in a Rab5- and HAP40-dependent fashion (PubMed:16476778)
Tissue Location	Expressed in the brain cortex (at protein level). Widely expressed with the highest level of expression in the brain (nerve fibers, varicosities, and nerve endings). In the brain, the regions where it can be mainly found are the cerebellar cortex, the neocortex, the striatum, and the hippocampal formation

Images



Western blot analysis of Huntingtin expression in HeLa cell lysate.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.