

KD-Validated Anti-Huntingtin Rabbit Monoclonal Antibody

Rabbit monoclonal antibody
Catalog # AGI1560

Product Information

Application	WB, FC, ICC
Primary Accession	P42858
Reactivity	Rat, Human, Mouse
Clonality	Monoclonal
Isotype	Rabbit IgG
Clone Names	23GB6285
Calculated MW	347603
Gene Name	HTT
Aliases	HTT; Huntingtin; IT15; HD; Huntington Disease Protein; Huntingtin (Huntington Disease); HD Protein; LOMARS
Immunogen	A synthesized peptide derived from human Huntingtin

Additional Information

Gene ID	3064
Other Names	Huntingtin, Huntington disease protein, HD protein, Huntingtin, myristoylated N-terminal fragment, HTT, HD, IT15

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

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