

Huntingtin Antibody
Rabbit mAb
Catalog # AP91590**Specification**

Huntingtin Antibody - Product Information

Application	WB, IHC, FC, ICC
Primary Accession	P42858
Reactivity	Rat
Clonality	Monoclonal
Other Names	
HD; HDH; HTT; Huntingtin; IT15; ZHD;	

Isotype	Rabbit IgG
Host	Rabbit
Calculated MW	347603 Da

Huntingtin Antibody - Additional Information

Dilution	WB~~1:1000 IHC~~1:100~500 FC~~1:10~50 ICC~~N/A
Purification	Affinity-chromatography
Immunogen	A synthesized peptide derived from human Huntingtin
Description	May play a role in microtubule-mediated transport or vesicle function.
Storage Condition and Buffer	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

Huntingtin Antibody - 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)

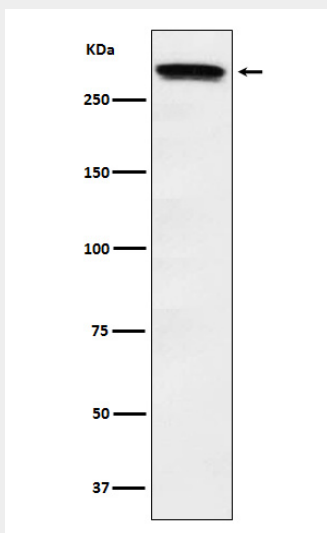
Tissue Location

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

Huntingtin Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Huntingtin Antibody - Images

Western blot analysis of Huntingtin expression in HeLa cell lysate.