

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

---

**Huntingtin Antibody - Product Information**

Application	WB, IHC, FC, ICC
Primary Accession	<a href="#">P42858</a>
Reactivity	Rat
Clonality	Monoclonal
<b>Other Names</b>	
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)

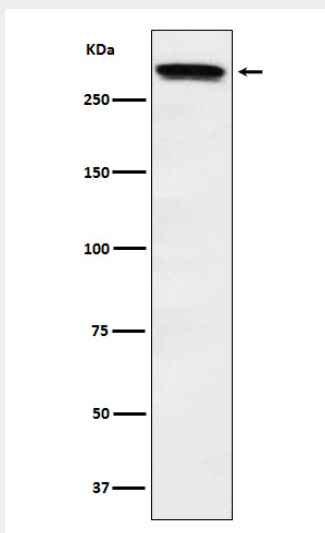
**Tissue Location**

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.