

HTT / Huntingtin Antibody (C-Terminus)
Rabbit Polyclonal Antibody
Catalog # ALS16261**Specification**

HTT / Huntingtin Antibody (C-Terminus) - Product Information

Application	IHC
Primary Accession	P42858
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	348kDa KDa

HTT / Huntingtin Antibody (C-Terminus) - Additional Information**Gene ID** 3064**Other Names**

Huntingtin, Huntington disease protein, HD protein, HTT, HD, IT15

Target/Specificity

This antibody is specific towards HTT. A BLAST analysis was used to suggest cross-reactivity with Human, Mouse, and Rat based on 100% sequence homology. Cross-reactivity with HTT from other sources has not been determined.

Reconstitution & Storage

Short term 4°C, long term aliquot and store at -20°C, avoid freeze thaw cycles. Centrifuge product before removing cap. Only dilute immediately prior to use.

Precautions

HTT / Huntingtin Antibody (C-Terminus) is for research use only and not for use in diagnostic or therapeutic procedures.

HTT / Huntingtin Antibody (C-Terminus) - 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)

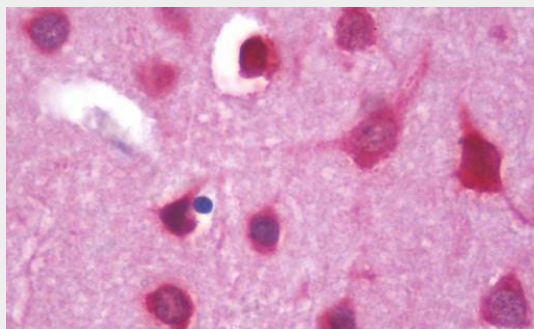
Tissue Location

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

HTT / Huntingtin Antibody (C-Terminus) - 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](#)

HTT / Huntingtin Antibody (C-Terminus) - Images

Anti-HTT / Huntingtin antibody IHC staining of human brain, cortex.

HTT / Huntingtin Antibody (C-Terminus) - Background

May play a role in microtubule-mediated transport or vesicle function.

HTT / Huntingtin Antibody (C-Terminus) - References

- Macdonald M., et al. Cell 72:971-983(1993).
Matsuyama N., et al. Genomics 69:72-85(2000).
Hillier L.W., et al. Nature 434:724-731(2005).
Ambrose C.M., et al. Somat. Cell Mol. Genet. 20:27-38(1994).
Lin B., et al. Genomics 25:707-715(1995).