

HTT / Huntingtin Antibody (clone 3F1)
Mouse Monoclonal Antibody
Catalog # ALS14060**Specification**

HTT / Huntingtin Antibody (clone 3F1) - Product Information

Application	WB, IHC
Primary Accession	P42858
Reactivity	Human
Host	Mouse
Clonality	Monoclonal
Calculated MW	348kDa KDa

HTT / Huntingtin Antibody (clone 3F1) - Additional Information**Gene ID** 3064**Other Names**

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

Target/Specificity

Human Huntingtin

Reconstitution & Storage

Short term 4°C, long term aliquot and store at -20°C, avoid freeze thaw cycles.

Precautions

HTT / Huntingtin Antibody (clone 3F1) is for research use only and not for use in diagnostic or therapeutic procedures.

HTT / Huntingtin Antibody (clone 3F1) - 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

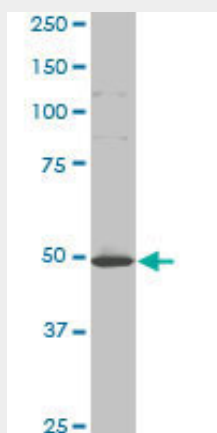
where it can be mainly found are the cerebellar cortex, the neocortex, the striatum, and the hippocampal formation

HTT / Huntingtin Antibody (clone 3F1) - Protocols

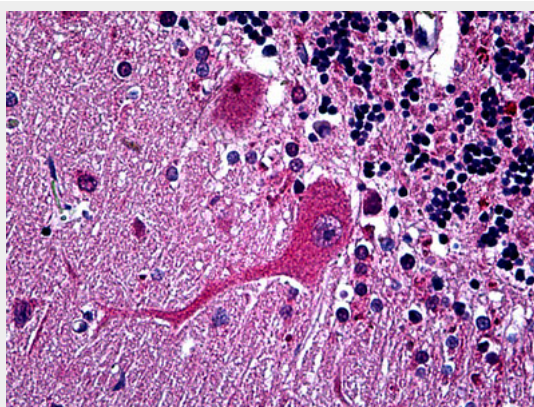
Provided below are standard protocols that you may find useful for product applications.

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

HTT / Huntingtin Antibody (clone 3F1) - Images



HD monoclonal antibody clone 3F1. Western blot of HD expression in U-2 OS.



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

HTT / Huntingtin Antibody (clone 3F1) - Background

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

HTT / Huntingtin Antibody (clone 3F1) - 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).