

Huntingtin (phospho Ser421) Polyclonal Antibody
Catalog # AP67932**Specification**

Huntingtin (phospho Ser421) Polyclonal Antibody - Product Information

Application	IHC-P
Primary Accession	P42858
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal

Huntingtin (phospho Ser421) Polyclonal Antibody - Additional Information**Gene ID** 3064**Other Names**

HTT; HD; IT15; Huntingtin; Huntington disease protein; HD protein

Dilution

IHC-P~~N/A

Format

Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.09% (W/V) sodium azide.

Storage Conditions

-20°C

Huntingtin (phospho Ser421) Polyclonal 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

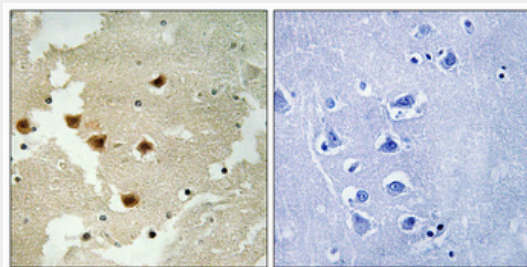
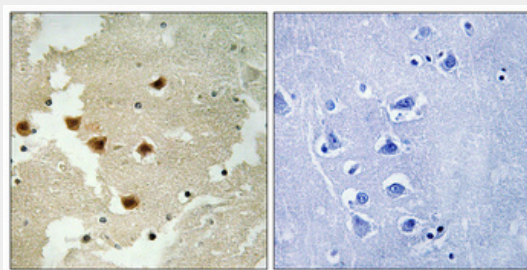
Expressed in the brain cortex (at protein level). Widely expressed with the highest level of expression in the brain (nerve fibers, varicosities, and nerve endings). In the brain, the regions where it can be mainly found are the cerebellar cortex, the neocortex, the striatum, and the hippocampal formation

Huntingtin (phospho Ser421) Polyclonal 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 (phospho Ser421) Polyclonal Antibody - Images



Huntingtin (phospho Ser421) Polyclonal Antibody - Background

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