

# Huntingtin (phospho Ser421) Polyclonal Antibody

Catalog # AP67932

## Product Information

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|--------------------------|------------------------|
| <b>Application</b>       | IHC-P                  |
| <b>Primary Accession</b> | <a href="#">P42858</a> |
| <b>Reactivity</b>        | Human, Mouse, Rat      |
| <b>Host</b>              | Rabbit                 |
| <b>Clonality</b>         | Polyclonal             |
| <b>Calculated MW</b>     | 347603                 |

## Additional Information

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|---------------------------|---|
| <b>Gene ID</b>            | 3064  |
| <b>Other Names</b>        | HTT; HD; IT15; Huntingtin; Huntington disease protein; HD protein             |
| <b>Dilution</b>           | IHC-P~~N/A  |
| <b>Format</b>             | Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.09% (W/V) sodium azide. |
| <b>Storage Conditions</b> | -20°C   |

## Protein Information

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|--------------------------|--|
| <b>Name</b>              | HTT  |
| <b>Synonyms</b>          | HD, IT15   |
| <b>Function</b>          | [Huntingtin]: May play a role in microtubule-mediated transport or vesicle function.   |
| <b>Cellular Location</b> | [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) |
| <b>Tissue Location</b>   | 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                                     |

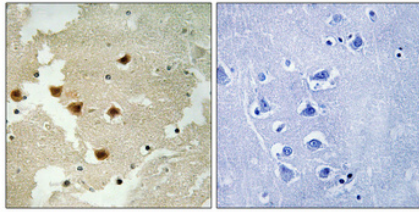
## Background

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

## Images

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Immunohistochemical analysis of paraffin-embedded Human brain. Antibody was diluted at 1:100(4°,overnight). High-pressure and temperature Tris-EDTA,pH8.0 was used for antigen retrieval. Negative contrl (right) obtained from antibody was pre-absorbed by immunogen peptide.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.