

Rabbit Huntingtin Polyclonal Antibody | anti-HTT antibody

Anti-Huntingtin antibody

CATALOG # AAA45669	HOST Rabbit	REACTIVITY Human; Predicted: Mouse, Rat	APPLICATIONS Western Blot
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PRODUCT SYNONYMS

Huntingtin; Polyclonal Antibody; Anti-Huntingtin antibody; huntingtin; AI256365 antibody; C430023I11Rik antibody; HD antibody; HD protein antibody; HDH antibody; HTT antibody; Huntingtin antibody; HUNTINGTON CHOREA antibody; Huntington disease protein antibody; IT 15 antibody; IT15 antibody; OTTMUSP00000026909 antibody; ZHD antibody; anti-HTT antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human; Predicted: Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	No cross reactivity with other proteins.
Purity/Purification	Immunogen affinity purified
Form/Format	Lyophilized; Contains 5mg BSA, 0.9mg NaCl, 0.2mg Na ₂ HPO ₄ , 0.05mg Thimerosal, 0.05mg NaN ₃
Applicable Applications for anti-HTT antibody	WB (Western Blot)
Immunogen	A synthetic peptide corresponding to a sequence at the C-terminus of human HTT (3106-3121aa ELDRRAFQSVLEVVA), different from the related mouse and rat sequences by two amino acids.
Reconstitution	0.2ml of distilled water will yield a concentration of 500ug/ml.
Preparation and Storage	At -20°C for one year. After reconstitution, at 4°C for one month. It can also be aliquotted and stored frozen at -20°C for a longer time.

IMAGES



WB (Western Blot)

Anti-Huntingtin antibody, AAA45669, All Western blottingAll lanes: Anti-HTT(AAA45669) at 0.5ug/mlLane 1: HELA Whole Cell Lysate at 40ugLane 2: U87 Whole Cell Lysate at 40ugPredicted bind size: 348KDObserved bind size: 348KD

ADDITIONAL INFORMATION

Related Product Information for anti-HTT antibody	The huntingtin gene, also called HTT or HD(Huntington disease) gene, is the IT15("interesting transcript 15") gene which codes for a protein called the huntingtin protein. It is mapped to 4p16.3. The protein has no sequence homology with other proteins and is highly expressed in neurons and tests in humans and rodents. HTT upregulates the expression of Brain Derived Neurotrophic Factor(BDNF) at the transcription level, and this gene is required for normal development. The HTT protein is involved in vesicle trafficking as it interacts with HIP1, a clathrin-binding protein, to mediate endocytosis, the absorption of materials into a cell. HTT was also visualized as punctate staining likely to represent nerve endings. What's more, wildtype HTT may function in the nucleus in the assembly of nuclear matrix-bound protein complexes involved with transcriptional repression and RNA processing.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	296434520
NCBI GeneID	3064
UniProt Accession #	P42858; Q9UQB7
NCBI Official Full Name	Huntingtin
NCBI Official Synonym Full Names	huntingtin
NCBI Official Symbol	HTT
NCBI Official Synonym Symbols	HD; IT15
NCBI Protein Information	huntingtin; huntington disease protein
UniProt Protein Name	Huntingtin
UniProt Gene Name	HTT
UniProt Synonym Gene Names	HD; IT15; HD protein
UniProt Entry Name	HD_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/huntingtin-antibody-western-blot-elisa/45669>