

Datasheet for ABIN350377

anti-Huntingtin antibody (AA 1150-1200)



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Overview

Quantity:	500 µg
Target:	Huntingtin (HTT)
Binding Specificity:	AA 1150-1200
Reactivity:	Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Huntingtin antibody is un-conjugated
Application:	Immunohistochemistry (IHC), Western Blotting (WB)

Product Details

Purpose:	Rabbit antibody to Huntingtin
Immunogen:	A synthetic peptide from AA 1150-1200 of rat Huntingtin conjugated to blue carrier protein was used as the antigen. The peptide shares 87% identity with mouse and human sequences.
Isotype:	IgG
Specificity:	Specific for Huntingtin.
Cross-Reactivity:	Mouse, Rat
Cross-Reactivity (Details):	Other species not yet tested.
Purification:	IgG

Target Details

Target:	Huntingtin (HTT)
Alternative Name:	Huntingtin (HTT Products)
Background:	FUNCTION: May play a role in microtubule-mediated transport or vesicle function. SUBCELLULAR LOCATION: Cytoplasm. Nucleus. TISSUE SPECIFICITY: Expressed to a high degree in all the regions of the brain of adults and in meiotic cells of the testis. In addition very low levels are detected in various non-neuronal tissues (heart muscle liver lung and kidney). DEVELOPMENTAL STAGE: Identified at high levels in neuronal tissues of embryos as early as day 14.5. This expression remains constant in all further development stages (up to the adult). On the other hand the expression in non-neuronal tissues is down-regulated from stage 17.5 day old embryos.
UniProt:	P51111
Pathways:	PI3K-Akt Signaling , Hormone Transport , Transition Metal Ion Homeostasis , Tube Formation , Protein targeting to Nucleus , Dicarboxylic Acid Transport

Application Details

Application Notes:	IHC WB. A concentration of 10-50 µg/ml is recommended. The optimal concentration should be determined by the end user. Not yet tested in other applications.
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Reconstitution:	Reconstitute in 500 µL of sterile water. Centrifuge to remove any insoluble material.
Handling Advice:	Avoid freeze and thaw cycles.
Storage:	4 °C,-20 °C
Storage Comment:	Maintain the lyophilised/reconstituted antibodies frozen at -20C for long term storage and refrigerated at 2-8C for a shorter term. When reconstituting glycerol (1:1) may be added for an additional stability. Avoid freeze and thaw cycles.
Expiry Date:	12 months