

For Research Use Only

# Huntingtin Polyclonal antibody

Catalog Number: 27206-1-AP



## Basic Information

Catalog Number:	27206-1-AP	GenBank Accession Number:	NM_002111	Purification Method:	Antigen affinity purification
Concentration:	1000 ug/ml	GeneID (NCBI):	3064	Recommended Dilutions:	IHC 1:50-1:500 IF-P 1:50-1:500
Source:	Rabbit	UNIPROT ID:	P42858		
Isotype:	IgG	Full Name:	huntingtin		
Immunogen Catalog Number:	AG25922	Calculated MW:	348 kDa		

## Applications

### Tested Applications:

IHC, IF-P, ELISA

### Species Specificity:

human, mouse, rat

### Positive Controls:

IHC : human cerebellum tissue, human brain tissue

IF-P : rat cerebellum tissue, mouse brain tissue

**Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (\*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0**

## Background Information

HTT(huntingtin), also named HD and IT15, belongs to the huntingtin family. HTT may play a role in microtubule-mediated transport or vesicle function. Defects in HTT are the cause of Huntington's disease (HD) which is an autosomal dominant neurodegenerative disorder characterized by involuntary movements (chorea), general motor impairment, psychiatric disorders, and dementia.

## Storage

### Storage:

Store at -20°C. Stable for one year after shipment.

### Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol, pH7.3

Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:

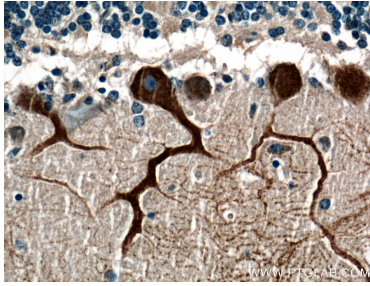
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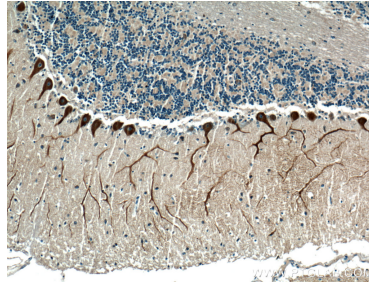
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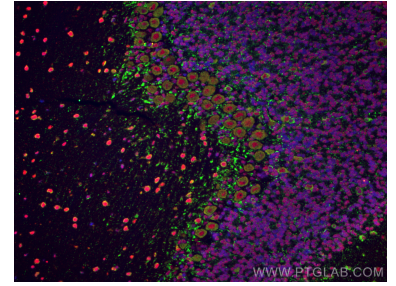
## Selected Validation Data



Immunohistochemical analysis of paraffin-embedded human cerebellum tissue slide using 27206-1-AP (Huntingtin Antibody) at dilution of 1:200 (under 40x lens).



Immunohistochemical analysis of paraffin-embedded human cerebellum tissue slide using 27206-1-AP (Huntingtin Antibody) at dilution of 1:200 (under 10x lens).



Immunofluorescent analysis of (4% PFA) fixed paraffin-embedded rat cerebellum tissue using Huntingtin antibody (27206-1-AP) at dilution of 1:200 and CoraLite®488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2), FUS/TLS antibody (68262-1-Ig, Clone: 1B4F8, red). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).