

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

Size:

150ul, Concentration: 1000 ug/ml by Nanodrop and 500 ug/ml by Bradford method using BSA as the standard;

GeneID (NCBI):

3064

Recommended Dilutions:

IHC 1:50-1:500

IF-P 1:50-1:500

Source:

Rabbit

UNIPROT ID:

P42858

Full Name:

huntingtin

Isotype:

IgG

Calculated MW:

348 kDa

Immunogen Catalog Number:

AG25922

## Applications

Tested Applications:

IHC, IF-P, ELISA

Positive Controls:

IHC : human cerebellum tissue, human brain tissue

IF-P : rat cerebellum tissue, mouse brain tissue

Species Specificity:

human, mouse, rat

**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

\*\*\* 20ul sizes contain 0.1% BSA

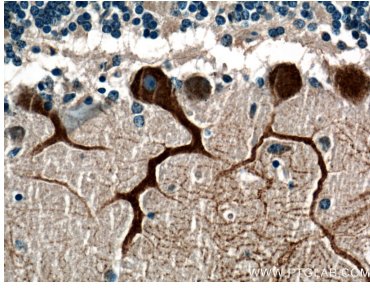
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

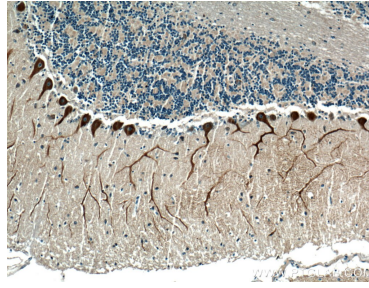
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
W: [ptglab.com](http://ptglab.com)

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

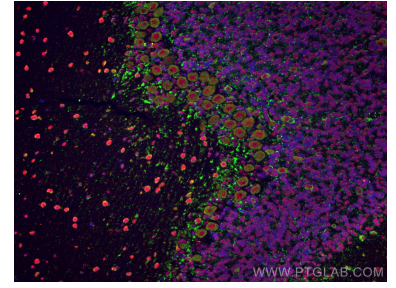
## Selected Validation Data



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).