



Datasheet for ABIN2451620  
**anti-OPTN antibody (AA 575-591)**



[Go to Product page](#)

2 Images

Overview

Quantity:	1 each
Target:	OPTN
Binding Specificity:	AA 575-591
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This OPTN antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	Human, mouse, and rat (100% identity) optineurin amino acids 575-591 (GEVLPDIDTLQIHVMDC).
Isotype:	IgG
Specificity:	Human, murine, and rat (100% identity) optineurin amino acids 575-591 (GEVLPDIDTLQIHVMDC)
Cross-Reactivity:	Mouse (Murine), Rat (Rattus)
Predicted Reactivity:	Percent identity by BLAST analysis: Human, Gorilla, Orangutan, Gibbon, Monkey, Marmoset, Mouse, Rat, Dog, Bat, Elephant, Panda, Horse, Rabbit (100%) Hamster, Opossum (94%) Bovine, Pig, Platypus (88%) Turkey, Chicken, Lizard, Zebrafish (82%).
Purification:	Immunoaffinity Chromatography

## Target Details

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Target:	OPTN
Alternative Name:	OPTN / Optineurin ( <a href="#">OPTN Products</a> )
Background:	Standard Gene Symbol: OPTN, Synonyms: OPTN, ALS12, E3-14.7K-interacting protein, FIP-2, HIP-7, HYPL, Huntingtin yeast partner L, HIP7, TFIIIA-INTP, NEMO-related protein, NRP, Optineurin, FIP2, GLC1E
Gene ID:	10133
UniProt:	<a href="#">Q96CV9</a>
Pathways:	<a href="#">M Phase</a>

## Application Details

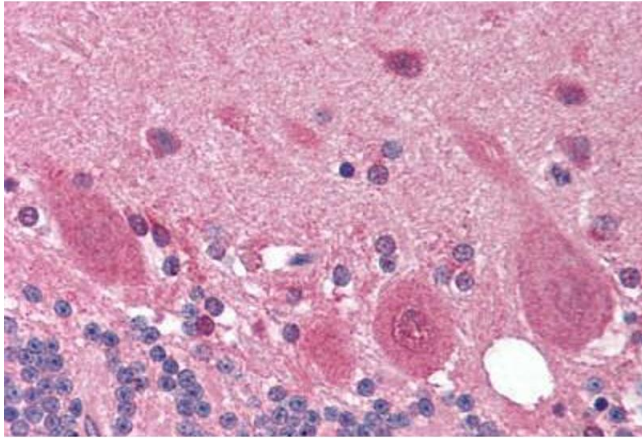
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Application Notes:	IHC-P (10 µg/mL), WB
Restrictions:	For Research Use only

## Handling

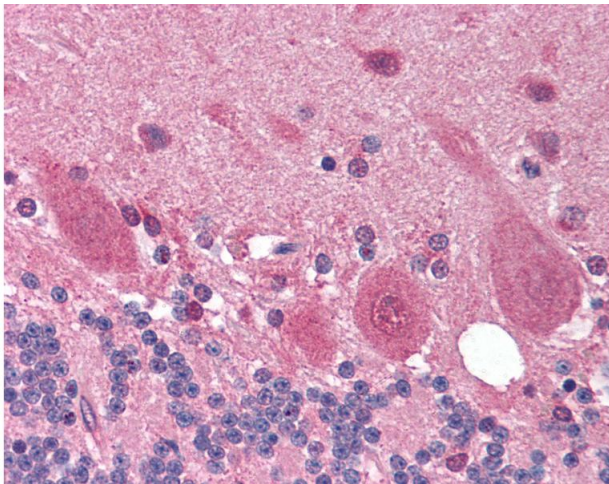
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Format:	Liquid
Concentration:	Lot specific
Buffer:	TBS, pH 7.4, 0.5% BSA, 0.02% sodium azide, 50% glycerol.
Preservative:	Sodium azide
Precaution of Use:	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeat freeze-thaw cycles.
Storage:	4 °C/-20 °C
Storage Comment:	Long term: -20°C, Short term: +4°C, Avoid freeze-thaw cycles.



#### Immunohistochemistry (Paraffin-embedded Sections)

**Image 1.** Human Brain, Cerebellum (formalin-fixed, paraffin-embedded) stained with OPTN antibody ABIN214196 at 10 ug/ml followed by biotinylated goat anti-rabbit IgG secondary antibody ABIN481713, alkaline phosphatase-streptavidin and chromogen.



#### Immunohistochemistry

**Image 2.** Anti-Optineurin antibody IHC of human brain, cerebellum. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody concentration 10 ug/ml.