NLRP10 polyclonal antibody

Catalog # PAB19307 Size 100 ug

Applications



Western Blot (Tissue lysate)

Western blot analysis of NLRP10 in human brain tissue lysate with NLRP10 polyclonal antibody (Cat # PAB19307) at 1 ug/mL.

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Immunohistochemistry

Immunohistochemical staining of human brain cells with NLRP10 polyclonal antibody (Cat # PAB19307) at 10 ug/mL.

Specification	
Product Description	Rabbit polyclonal antibody rasied against synthetic peptide of NLRP10.
Immunogen	A synthetic peptide corresponding to 14 amino acids near N-terminus of human NLRP10.
Host	Rabbit
Reactivity	Human
Form	Liquid
Purification	Peptide affinity purification
Concentration	1 mg/mL



Product Information

Recommend Usage	Western Blot (1 ug/mL) Immunohistochemistry (10 ug/mL) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS (0.02% sodium azide)
Storage Instruction	Store at 4°C for three months. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which shoul d be handled by trained staff only.

Applications

• Western Blot (Tissue lysate)

Western blot analysis of NLRP10 in human brain tissue lysate with NLRP10 polyclonal antibody (Cat # PAB19307) at 1 ug/mL.

• Immunohistochemistry

Immunohistochemical staining of human brain cells with NLRP10 polyclonal antibody (Cat # PAB19307) at 10 ug/mL.

Enzyme-linked Immunoabsorbent Assay

Gene Info — NLRP10	
Entrez GenelD	<u>338322</u>
Protein Accession#	<u>NP_789791</u>
Gene Name	NLRP10
Gene Alias	CLR11.1, NALP10, NOD8, PAN5, PYNOD
Gene Description	NLR family, pyrin domain containing 10
Omim ID	<u>609662</u>
Gene Ontology	Hyperlink
Gene Summary	Members of the NALP protein family typically contain a NACHT domain, a NACHT-associated do main (NAD), a C-terminal leucine-rich repeat (LRR) region, and an N-terminal pyrin domain (PYD) . The protein encoded by this gene belongs to the NALP protein family despite lacking the LRR re gion. This protein likely plays a regulatory role in the innate immune system. The protein belongs t o the signal-induced multiprotein complex, the inflammasome, that activates the pro-inflammatory caspases, caspase-1 and caspase-5. Other experiments indicate that this gene acts as a multifunctional negative regulator of inflammation and apoptosis. [provided by RefSeq



Product Information

Other Designations

NACHT, leucine rich repeat and PYD containing 10|nucleotide-binding oligomerization domain, le ucine rich repeat and pyrin domain containing 10

Disease

- <u>Crohn Disease</u>
- Genetic Predisposition to Disease