Datasheet for ABIN783723

anti-NLRP14 antibody (N-Term)

1 Image

Go to Product page

Overview

Quantity:	0.1 mg
Target:	NLRP14
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This NLRP14 antibody is un-conjugated
Application:	Western Blotting (WB), Enzyme Immunoassay (EIA)

Product Details

Immunogen:	16 amino acid peptide near the amino terminus of human NALP14
Specificity:	This antibody detects NALP14 at N-term.
Cross-Reactivity (Details):	Species reactivity (tested):Human, mouse, rat
Purification:	Affinity chromatography purified via peptide column

Target Details

Target:	NLRP14
Alternative Name:	NLRP14 (NLRP14 Products)
Background:	NALP proteins are cytoplasmic proteins that form a subfamily within the larger CATERPILLER family and are thought to play a crucial role in cell proliferation and reproduction. Like all other

Target Details

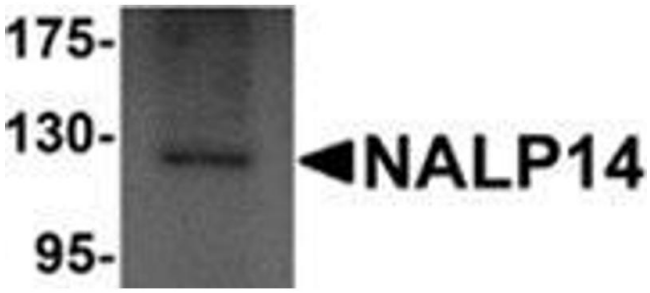
	NALP family members, NALP14 has a C-terminal leucine-rich repeat (LRR) region, an N-terminal Pyrin domain (PYD) followed by a NACHT domain, and a NACHT-associated domain. While little is known about the function of NALP14, it has been suggested that it may play a role in spermatogenesis and that mutations in the NALP14 gene might cause spermatogenic failure.Synonyms: NACHT LRR and PYD domains-containing protein 14, NALP14, NOD5, Nucleotide-binding oligomerization domain protein 5
Gene ID:	338323
NCBI Accession:	NP_789792
UniProt:	Q86W24
Pathways:	Inflammasome

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

Handling

Buffer:	PBS containing 0.02 % sodium azide
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 repeated freezing and thawing.
Storage:	4 °C/-20 °C
Storage Comment:	Store at 2 - 8 °C for up to three months or (in aliquots) at -20 °C for longer.



Western Blotting

Image 1. Western blot analysis of NALP14 in rat brain tissue lysate with NALP14 antibody at 1 µg/ml.