Rabbit NLRP4 Polyclonal Antibody | anti-NLRP4 antibody

NLRP4 Polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA167181	**Rabbit**	**Human, Mouse, Rat**	**Immunohistochemistry, ELISA**

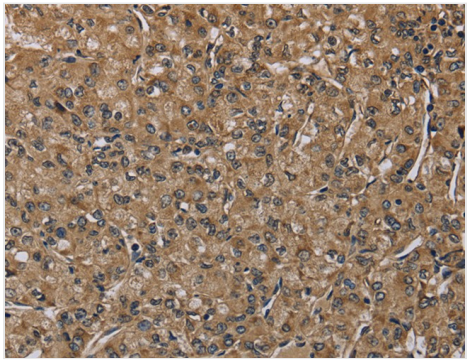
PRODUCT SYNONYMS

NLRP4; Polyclonal Antibody; NLRP4 Polyclonal Antibody; CT58; PAN2; RNH2; NALP4; PYPAF4; CLR19.5; anti-NLRP4 antibody

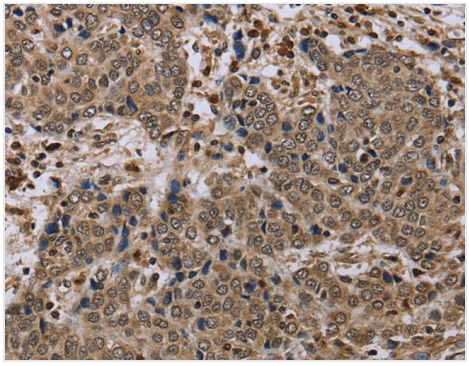
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen affinity purification
Concentration	2.8mg/mL (varies by lot)
Sequence Length	994
Applicable Applications for anti-NLRP4 antibody	IHC (Immunohistochemistry), ELISA
Immunogen	Synthetic peptide of human NLRP4
Buffer	PBS with 0.05% sodium azide, 50% glycerol, pH7.3
Preparation and Storage	Store at -20 degree C (regular) and -80 degree C (long term). Avoid freeze / thaw cycles.

IMAGES



IHC (Immunohiostchemistry)
Immunohistochemistry of paraffin-embedded Human prostate cancer tissue using NLRP4 Polyclonal Antibody at dilution 1:40



IHC (Immunohistochemistry)
Immunohistochemistry of paraffin-embedded Human liver cancer tissue using NLRP4 Polyclonal Antibody at dilution 1:40

ADDITIONAL INFORMATION

Related Product Information for anti-NLRP4 antibody	NALPs are cytoplasmic proteins that form a subfamily within the larger CATERPILLER protein family. Most short NALPs, such as NALP4, have an N-terminal pyrin (MEFV; MIM 608107) domain (PYD), followed by a NACHT domain, a NACHT-associated domain (NAD), and a C-terminal leucine-rich repeat (LRR) region. The long NALP, NALP1 (MIM 606636), also has a C-terminal extension containing a function to find domain (FIIND) and a caspase recruitment domain (CARD). NALPs are implicated in the activation of proinflammatory caspases (e. g. , CASP1; MIM 147678) via their involvement in multiprotein complexes called inflammasomes
Product Categories/Family for anti-NLRP4 antibody	Cell Biology

NCBI AND UNIPROT INFORMATION

NCBI GI #	194018482
NCBI GeneID	147945
NCBI Accession #	NP_604393.2
NCBI GenBank Nucleotide #	NM_134444.4
Molecular Weight	103,968 Da
NCBI Official Full Name	NACHT, LRR and PYD domains-containing protein 4
NCBI Official Synonym Full Names	NLR family, pyrin domain containing 4
NCBI Official Symbol	NLRP4
NCBI Official Synonym Symbols	CT58; PAN2; RNH2; NALP4; PYPAF4; CLR19.5
NCBI Protein Information	NACHT, LRR and PYD domains-containing protein 4; NACHT, LRR and PYD containing protein 4; NACHT, leucine rich repeat and PYD containing 4; PAAD and NACHT-containing protein 2; PYRIN and NACHT-containing protein 2; PYRIN-containing APAF1-like protein 4; cancer/testis antigen 58; nucleotide-binding oligomerization domain, leucine rich repeat and pyrin domain containing 4; ribonuclease inhibitor 2
UniProt Protein Name	NACHT, LRR and PYD domains-containing protein 4
UniProt Gene Name	**NLRP4**
UniProt Synonym Gene Names	NALP4; PAN2; PYPAF4; RNH2; CT58; PAN2; PYPAF4
UniProt Entry Name	NALP4_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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