

Rabbit anti-Human, Mouse NLR Family Polyclonal Antibody | anti-NLRP3 antibody

Polyclonal Antibody to NLR Family, Pyrin Domain Containing Protein 3 (NLRP3)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA141440	Rabbit	Human, Mouse	ELISA, Immunohistochemistry, Immunocytochemistry, Western Blot

PRODUCT SYNONYMS

NLR Family; Polyclonal Antibody; Polyclonal Antibody to NLR Family; Pyrin Domain Containing Protein 3 (NLRP3); anti-NLRP3 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Specificity	The antibody is a rabbit polyclonal antibody raised against NLRP3. It has been selected for its ability to recognize NLRP3 in immunohistochemical staining and western blotting.
Purity/Purification	Affinity Chromatography
Form/Format	Liquid
Concentration	500ug/mL (varies by lot)
Applicable Applications for anti-NLRP3 antibody	ELISA, IHC (Immunohistochemistry), ICC (Immunocytochemistry), WB (Western Blot)
Fragment	NLRP3 (Cys671~Trp1033)
Organism Species	Mus musculus (Mouse)
Cross Reactivity	Human, Mouse
Conjugate	No Conjugate
Immunogen	Recombinant NLRP3 (Cys671~Trp1033) expressed in E Coli.
Conjugated Antibody	The APC conjugated antibody version of this item is also available as
Preparation and Storage	Store at 4 degree C for frequent use. Stored at -20 degree C to -80 degree C in a manual defrost freezer for one year without detectable loss of activity. Avoid repeated freeze-thaw cycles.

IMAGES



Knockout Validation

Knockout Validation: Lane 1: Wild-type K562 cell lysate; Lane 2: NLRP3 knockout K562 cell lysate; Predicted MW: 96,112,118kDa Observed MW: 130kDa Primary Ab: 1ug/ml Rabbit Anti-Mouse NLRP3 Antibody Second Ab: 0.2ug/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody



IHC (Immunohistochemistry)

DAB staining on IHC-P; Samples: Mouse Pancreas Tissue



WB (Western Blot)

Western Blot: Sample: Recombinant protein.

ADDITIONAL INFORMATION

Product Categories/Family for anti-NLRP3 antibody

[Knock-Out Validation Antibody](#)

NCBI AND UNIPROT INFORMATION

NCBI GI #	22003870
NCBI GeneID	216799
NCBI Accession #	NP_665826.1
NCBI GenBank Nucleotide #	NM_145827.3
UniProt Accession #	T1W2H6 ; Q1JQ87 ; Q1JQ88 ; Q6JEL0 ; Q8R4B8
Molecular Weight	95,710 Da
NCBI Official Full Name	NACHT, LRR and PYD domains-containing protein 3
NCBI Official Synonym Full Names	NLR family, pyrin domain containing 3
NCBI Official Symbol	Nlrp3
NCBI Official Synonym Symbols	FCU; MWS; FCAS; Cias1; Mmig1; NALP3; Pypaf1; AII/AVP; AGTAVPRL
NCBI Protein Information	NACHT, LRR and PYD domains-containing protein 3
UniProt Protein Name	NACHT, LRR and PYD domains-containing protein 3
UniProt Gene Name	Nlrp3
UniProt Synonym Gene Names	Cias1; Mmig1; Nalp3; Pypaf1

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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Online datasheet: <https://stage.aaabiotech.com/polyclonal/nlr-family-antibody-immunohistochemistry-immunocytochemistry-western-blot-elisa/141440>