

LRP3 Polyclonal Antibody

Description

Product type	Primary Antibody
Code	BT-AP05078
Host	Rabbit
Isotype	IgG
Size	20ul, 50ul, 100ul
Immunogen	The antiserum was produced against synthesized peptide derived from human LRP3. AA range:17-66
Mol wt	82884
Species reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Recommended application	WB, ELISA
Concentration	1 mg/ml
Full name	LRP3 Antibody
Synonyms	LRP3; Low-density lipoprotein receptor-related protein 3; LRP-3; 105 kDa low-density lipoprotein receptor-related protein; hLRp105

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

Background

NLRP3, also known as NALP3, CIAS1, PYPAF or Cryopyrin, is a cytosolic ~120 kDa member of the NLRP family of proteins expressed in leukocytes, especially neutrophils. As a component of the inflammasome, NLRP3 activates caspases 1 and 5. Defects in NLRP3 may cause FCAS1, CINCA, or Muckle-Wells autoinflammatory syndromes. Mouse NLRP3 contains an N-terminal Pyrin domain (aa 1-91) followed by a Nacht region (aa 216-532), and seven LRRs (aa 739-988). Within the sequence used as an immunogen, mouse NLRP3 shares 78% and 93% aa identity with human and rat NLRP3, respectively. Alternate splicing of mouse NLRP3 generates additional isoforms that lack either LRR2 and 3, LRR 6 and 7, or LRR4-9.

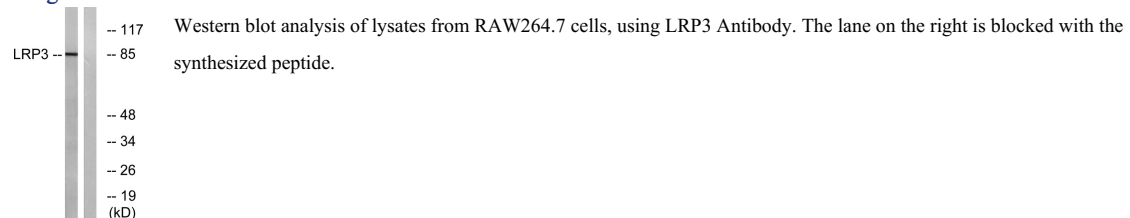
Recommended Dilution

WB: 1: 500 - 1: 2000

ELISA: 1: 40000

Not yet tested in other applications.

Images



Storage

-20°C for one year