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anti-PRR5 antibody (N-Term)



Images



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Overview

Quantity:	100 μL
Target:	PRR5
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Rat, Horse, Cow, Dog, Rabbit, Guinea Pig
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PRR5 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the N terminal region of human PRR5
Sequence:	NSIHNGVIAV FQRKGLPDQE LFSLNEGVRQ LLKTELGSFF TEYLQNQLLT
Predicted Reactivity:	Cow: 100%, Dog: 100%, Guinea Pig: 100%, Horse: 100%, Human: 100%, Mouse: 93%, Rabbit: 100%, Rat: 100%
Characteristics:	This is a rabbit polyclonal antibody against PRR5. It was validated on Western Blot.
Purification:	Affinity Purified

Target Details

Target:	PRR5
Alternative Name:	PRR5 (PRR5 Products)

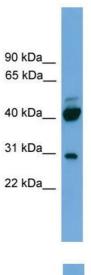
Target Details

Background:	This gene encodes a protein with a proline-rich domain. This gene is located in a region of
	chromosome 22 reported to contain a tumor suppressor gene that may be involved in breast
	and colorectal tumorigenesis. Rare read-through transcripts, containing exons from the
	ARHGAP8 gene which is located immediately downstream, led to the original description of
	PRR5 and ARHGAP8 as a single gene. Alternative splicing and the use of alternative promoters
	results in transcripts encoding different isoforms.
	Alias Symbols: FLJ20185, FLJ20185k, PP610, PROTOR1, PROTOR-1
	Protein Interaction Partner: MTOR, BRCA1, UBC, RICTOR, MAPKAP1, MLST8,
	Protein Size: 379
Molecular Weight:	41 kDa
Gene ID:	55615
NCBI Accession:	NM_015366, NP_056181
UniProt:	B3KRM4
Pathways:	PI3K-Akt Signaling
Application Details	
Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 379 AA
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 %
	sucrose.
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 freeze-thaw cycles.

Storage Comment:

For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

Images

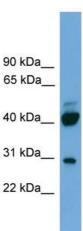


Western Blotting

Image 1. WB Suggested Anti-PRR5 Antibody Titration: 0.2-

1 ug/ml

Positive Control: COLO205 cell lysate



Western Blotting

Image 2. WB Suggested Anti-PRR5

Antibody Titration: 0.2-1 µg/mL

Positive Control: COLO205 cell lysate

PRR5 is supported by BioGPS gene expression data to be

expressed in COLO205