

Rabbit anti-Human, Mouse IRAK1BP1 Polyclonal Antibody | anti-IRAK1BP1 antibody

IRAK1BP1 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA306244	Rabbit	Human, Mouse	Immunohistochemistry, Western Blot

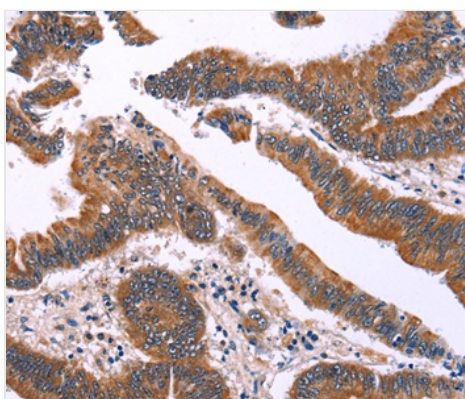
PRODUCT SYNONYMS

IRAK1BP1; Polyclonal Antibody; IRAK1BP1 Antibody; AIP70; SIMPL; anti-IRAK1BP1 antibody

PRODUCT SPECIFICATIONS

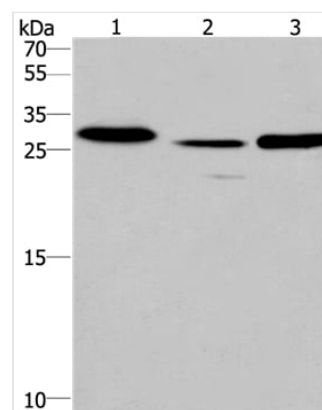
Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Specificity	The antibody detects endogenous levels of total IRAK1BP1 protein.
Purity/Purification	Antigen affinity purification.
Form/Format	Rabbit IgG in pH7.3 PBS, 0.05% NaN ₃ , 50% Glycerol.
Concentration	1.9 mg/ml (varies by lot)
Sequence Length	260
Applicable Applications for anti-IRAK1BP1 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen Type	Recombinant Protein
Immunogen Description	Full length fusion protein
Target Name	IRAK1BP1
Preparation and Storage	Store at -20 degree C

IMAGES



IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded Human colon cancer tissue using at dilution 1/40.



Application Data

Gel: 10%SDS-PAGE Lysates (from left to right): Human fetal liver tissue and mouse heart tissue,human testis tissue Amount of lysate: 40ug per lane Primary antibody: 1/475 dilution Secondary antibody dilution: 1/8000 Exposure time: 1 minute

ADDITIONAL INFORMATION

Related Product Information for anti-IRAK1BP1 antibody	SIMPL, also known as IRAK1BP1 (interleukin-1 receptor-associated kinase 1-binding protein 1), is a 260 amino acid protein belonging to the IRAK1BP1 family. In addition to containing an intrinsically disordered region which associates with HSPA1 and HSPA8, SIMPL also interacts directly with IRAK1 and promotes RELA transcriptional activity. SIMPL is a major component of the IRAK1-dependent TNFRSF1A signaling pathway in which TNF-alpha induces NF-kappa-B gene transcription, leading to an inhibition of proinflammatory cytokines. Inactivation of SIMPL inhibits tumor necrosis factor receptor type I-induced NF-kappaB activity. Localizing to the nucleus and cytoplasm, SIMPL requires the phosphorylation of Ser-56 and/or Ser-62 to be fully active.
Product Categories/Family for anti-IRAK1BP1 antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	59797063
NCBI GeneID	134728
NCBI Accession #	NP_001010844.1
NCBI GenBank Nucleotide #	NM_001010844.3
UniProt Accession #	Q5VVH5
Molecular Weight	29,106 Da
NCBI Official Full Name	interleukin-1 receptor-associated kinase 1-binding protein 1
NCBI Official Synonym Full Names	interleukin-1 receptor-associated kinase 1 binding protein 1
NCBI Official Symbol	IRAK1BP1
NCBI Official Synonym Symbols	AIP70; SIMPL
NCBI Protein Information	interleukin-1 receptor-associated kinase 1-binding protein 1
UniProt Protein Name	Interleukin-1 receptor-associated kinase 1-binding protein 1
UniProt Gene Name	IRAK1BP1
UniProt Synonym Gene Names	IRAK1-binding protein 1
UniProt Entry Name	IKBP1_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://www.aaabiotech.com/polyclonal/irak1bp1-antibody-immunohistochemistry-western-blot-elisa/306244>