

## Rabbit IRAK1BP1 Polyclonal Antibody | anti-IRAK1BP1 antibody

IRAK1BP1 Polyclonal Antibody

|                               |                       |                                        |                                                                  |
|-------------------------------|-----------------------|----------------------------------------|------------------------------------------------------------------|
| CATALOG #<br><b>AAA170103</b> | HOST<br><b>Rabbit</b> | REACTIVITY<br><b>Human, Mouse, Rat</b> | APPLICATIONS<br><b>Immunohistochemistry, Western Blot, ELISA</b> |
|-------------------------------|-----------------------|----------------------------------------|------------------------------------------------------------------|

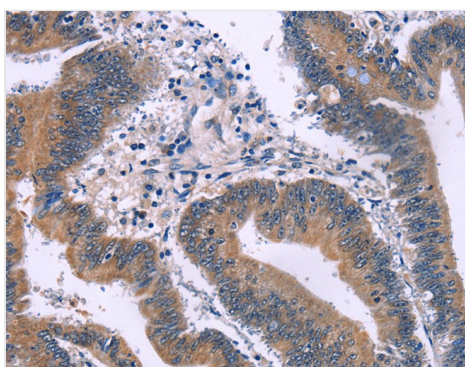
### PRODUCT SYNONYMS

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

### PRODUCT SPECIFICATIONS

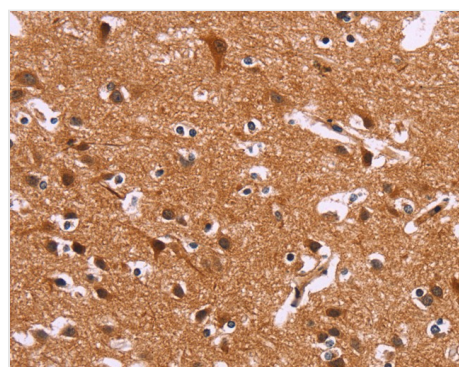
|                                                    |                                                                                           |
|----------------------------------------------------|-------------------------------------------------------------------------------------------|
| Host                                               | Rabbit                                                                                    |
| Reactivity                                         | Human, Mouse, Rat                                                                         |
| Clonality                                          | Polyclonal                                                                                |
| Isotype                                            | IgG                                                                                       |
| Purity/Purification                                | Antigen affinity purification                                                             |
| Concentration                                      | 1.4mg/mL (varies by lot)                                                                  |
| Sequence Length                                    | 260                                                                                       |
| Applicable Applications for anti-IRAK1BP1 antibody | IHC (Immunohistochemistry), WB (Western Blot), ELISA                                      |
| Immunogen                                          | Recombinant protein of human IRAK1BP1                                                     |
| 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



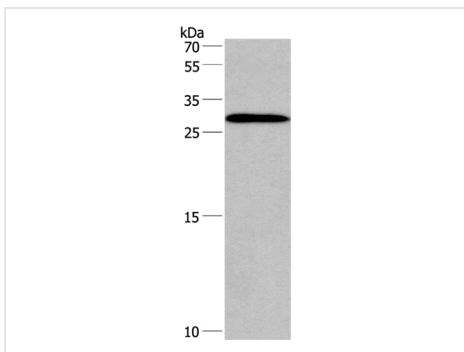
#### IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Human colon cancer using IRAK1BP1 Polyclonal Antibody at dilution of 1:30



#### IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Human brain using IRAK1BP1 Polyclonal Antibody at dilution of 1:30



#### WB (Western Blot)

Western Blot analysis of Human testis tissue using IRAK1BP1 Polyclonal Antibody at dilution of 1:350

## 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.

## NCBI AND UNIPROT INFORMATION

|                                  |                                                                                                               |
|----------------------------------|---------------------------------------------------------------------------------------------------------------|
| NCBI GI #                        | 74747244                                                                                                      |
| NCBI GeneID                      | 134728                                                                                                        |
| 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; ActA binding protein 3; IRAK1-binding protein 1 |
| UniProt Protein Name             | Interleukin-1 receptor-associated kinase 1-binding protein 1                                                  |
| UniProt Gene Name                | <b>IRAK1BP1</b>                                                                                               |
| 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.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/irak1bp1-antibody-immunohistochemistry-western-blot-elisa/170103>