

## Anti-ZBP1 antibody

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<b>Description</b>	Unconjugated Rabbit polyclonal to ZBP1
<b>Model</b>	STJ192580
<b>Host</b>	Rabbit
<b>Reactivity</b>	Human
<b>Applications</b>	ELISA, WB
<b>Immunogen</b>	Synthesized peptide derived from human ZBP1 protein.
<b>Immunogen Region</b>	21-70aa
<b>Gene ID</b>	<a href="#">81030</a>
<b>Gene Symbol</b>	<a href="#">ZBP1</a>
<b>Dilution range</b>	WB 1:500-2000 ELISA 1:5000-20000
<b>Specificity</b>	ZBP1 Polyclonal Antibody detects endogenous levels of protein.
<b>Tissue Specificity</b>	Highly expressed in lymphatic tissues including lymph node, leukocytes, tonsil, bone marrow and spleen. Expressed to a lesser extent in thymus, lung and liver.
<b>Purification</b>	ZBP1 antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Note</b>	For Research Use Only (RUO).
<b>Protein Name</b>	Z-DNA-binding protein 1 Tumor stroma and activated macrophage protein DLM-1
<b>Molecular Weight</b>	47 kDa

<b>Clonality</b>	Polyclonal
<b>Conjugation</b>	Unconjugated
<b>Isotype</b>	IgG
<b>Formulation</b>	Liquid form in PBS containing 50% glycerol, and 0.02% sodium azide.
<b>Concentration</b>	1 mg/ml
<b>Storage Instruction</b>	Store at -20°C, and avoid repeat freeze-thaw cycles.
<b>Database Links</b>	<a href="#">HGNC:16176OMIM:606750</a>
<b>Alternative Names</b>	Z-DNA-binding protein 1 Tumor stroma and activated macrophage protein DLM-1
<b>Function</b>	Participates in the detection by the host's innate immune system of DNA from viral, bacterial or even host origin. Plays a role in host defense against tumors and pathogens. Acts as a cytoplasmic DNA sensor which, when activated, induces the recruitment of TBK1 and IRF3 to its C-terminal region and activates the downstream interferon regulatory factor (IRF) and NF-kappa B transcription factors, leading to type-I interferon production. ZBP1-induced NF-kappaB activation probably involves the recruitment of the RHIM containing kinases RIPK1 and RIPK3 .