



# EAT-2 Polyclonal Antibody

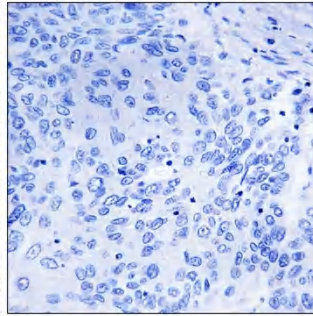
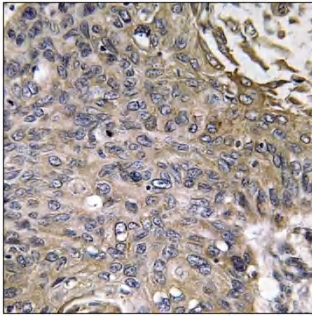
<b>Catalog No</b>	YP-Ab-13919
<b>Isotype</b>	IgG
<b>Reactivity</b>	Human;Rat;Mouse;
<b>Applications</b>	IHC;IF;ELISA
<b>Gene Name</b>	SH2D1B
<b>Protein Name</b>	SH2 domain-containing protein 1B
<b>Immunogen</b>	The antiserum was produced against synthesized peptide derived from human SH2D1B. AA range:71-120
<b>Specificity</b>	EAT-2 Polyclonal Antibody detects endogenous levels of EAT-2 protein.
<b>Formulation</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
<b>Source</b>	Polyclonal, Rabbit,IgG
<b>Purification</b>	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Dilution</b>	IHC: 1/100 - 1/300. ELISA: 1/40000.. IF 1:50-200
<b>Concentration</b>	1 mg/ml
<b>Purity</b>	≥90%
<b>Storage Stability</b>	-20°C/1 year
<b>Synonyms</b>	SH2D1B; EAT2; SH2 domain-containing protein 1B; EWS/FLI1-activated transcript 2; EAT-2
<b>Observed Band</b>	
<b>Cell Pathway</b>	intracellular,cytosol,
<b>Tissue Specificity</b>	Leukocyte,Lung,Spleen,
<b>Function</b>	function:Plays a role in controlling signal transduction through at least four receptors, CD84, CD150, CD229 and CD244, expressed on the surface of professional antigen-presenting cells.,similarity:Contains 1 SH2 domain.,subunit:Binds to the phosphorylated receptors CD84, CD150, CD229 and CD244. Does not bind to non-phosphorylated CD150.,
<b>Background</b>	By binding phosphotyrosines through its free SRC (MIM 190090) homology-2 (SH2) domain, EAT2 regulates signal transduction through receptors expressed on the surface of antigen-presenting cells (Morra et al., 2001 [PubMed 11689425]).[supplied by OMIM, Mar 2008],
<b>matters needing attention</b>	Avoid repeated freezing and thawing!



### Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

## Products Images



Immunohistochemistry analysis of paraffin-embedded human lung carcinoma, using SH2D1B Antibody. The picture on the right is blocked with the synthesized peptide.