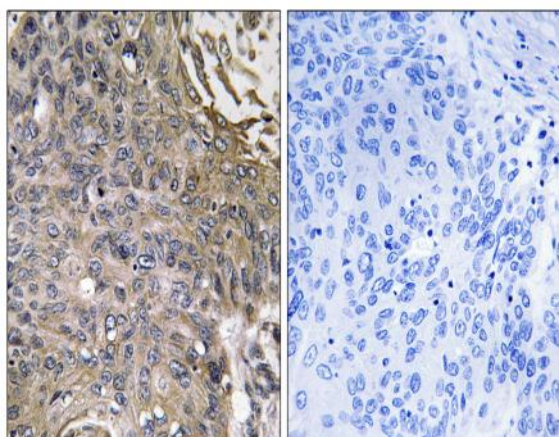


## EAT-2 Polyclonal Antibody

<b>Catalog No :</b>	YT1451
<b>Reactivity :</b>	Human;Mouse
<b>Applications :</b>	IHC;IF;ELISA
<b>Target :</b>	EAT-2
<b>Fields :</b>	>>Natural killer cell mediated cytotoxicity
<b>Gene Name :</b>	SH2D1B
<b>Protein Name :</b>	SH2 domain-containing protein 1B
<b>Human Gene Id :</b>	117157
<b>Human Swiss Prot No :</b>	O14796
<b>Mouse Swiss Prot No :</b>	O35324
<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>Dilution :</b>	IHC 1:100 - 1:300. ELISA: 1:40000.. IF 1:50-200
<b>Purification :</b>	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Concentration :</b>	1 mg/ml
<b>Storage Stability :</b>	-15°C to -25°C/1 year(Do not lower than -25°C)

<b>Molecularweight :</b>	15kD
<b>Cell Pathway :</b>	Natural killer cell mediated cytotoxicity;
<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>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>Subcellular Location :</b>	intracellular,cytosol,
<b>Expression :</b>	Leukocyte,Lung,Spleen,
<b>Sort :</b>	5370
<b>No4 :</b>	1
<b>Host :</b>	Rabbit
<b>Modifications :</b>	Unmodified

## Products Images



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