# EAT-2 Polyclonal Antibody

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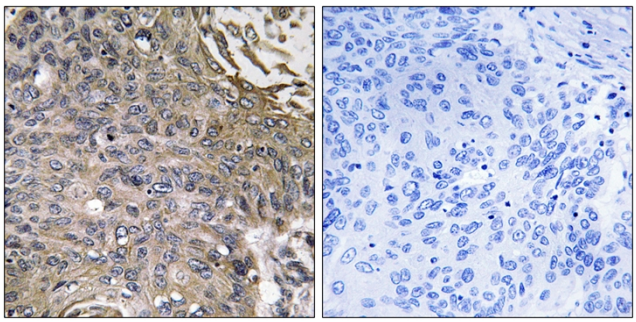
| **Catalog No** | YP-Ab-13919 |
| **Isotype** | IgG |
| **Reactivity** | Human;Rat;Mouse; |
| **Applications** | IHC;IF;ELISA |
| **Gene Name** | SH2D1B |
| **Protein Name** | SH2 domain-containing protein 1B |
| **Immunogen** | The antiserum was produced against synthesized peptide derived from human SH2D1B. AA range:71-120 |
| **Specificity** | EAT-2 Polyclonal Antibody detects endogenous levels of EAT-2 protein. |
| **Formulation** | Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide. |
| **Source** | Polyclonal, Rabbit,IgG |
| **Purification** | The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen. |
| **Dilution** | IHC: 1/100 - 1/300. ELISA: 1/40000.. IF 1:50-200 |
| **Concentration** | 1 mg/ml |
| **Purity** | ≥90% |
| **Storage Stability** | -20°C/1 year |
| **Synonyms** | SH2D1B; EAT2; SH2 domain-containing protein 1B; EWS/FLI1-activated transcript 2; EAT-2 |
| **Observed Band** | |
| **Cell Pathway** | intracellular,cytosol, |
| **Tissue Specificity** | Leukocyte,Lung,Spleen, |
| **Function** | 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., |
| **Background** | 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], |
| **matters needing attention** | 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.