SunLong Biotech Co.,LTD
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**[ Primary Antibody ]**

# Rabbit Anti-EAP30 antibody

**Catalog Number: SL14482R**

**FOR RESEARCH USE ONLY**

**[ DATASHEET ]**

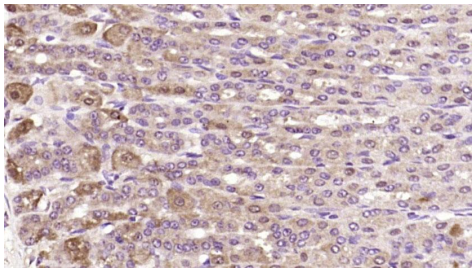
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| **Host:** | Rabbit |
| **Isotype:** | IgG |
| **Clonality:** | Polyclonal |
| **Target:** | EAP30 |
| **Immunogen:** | KLH conjugated synthetic peptide derived from human EAP30: 31-130/258 |
| **Purification:** | affinity purified by Protein A |
| **Concentration:** | 1mg/ml |
| **Storage:** | 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped at 4℃. Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. |
| **Applications:** | IHC-P=1:100-500<br>IHC-F=1:100-500<br>IF=1:100-500 （Paraffin sections need antigen repair）<br>not yet tested in other applications.<br>optimal dilutions/concentrations should be determined by the end user. |
| **Reactivity:** | Rat(predicted:Human,Mouse,Chicken,Pig,Cow,Horse,Rabbit,Sheep) |
| **Predicted MW.:** | 29kDa |
| **Subcellular Location:** | cytoplasmic |
| **Background:** | SNF8, VPS25 (MIM 610907), and VPS36 (MIM 610903) form ESCRT-II (endosomal sorting complex required for transport II), a complex involved in endocytosis of ubiquitinated membrane proteins. SNF8, VPS25, and VPS36 are also associated in a multiprotein complex with RNA polymerase II elongation factor (ELL; MIM 600284) (Slagsvold et al., 2005 [PubMed 15755741]; Kamura et al., 2001 [PubMed 11278625]).[supplied by OMIM, Mar 2008]<br>**Function:** Component of the endosomal sorting complex required for transport II (ESCRT-II), which is required for multivesicular body (MVB) formation and sorting of endosomal cargo proteins into MVBs. The MVB pathway mediates delivery of transmembrane proteins into the lumen of the lysosome for degradation. The ESCRT-II complex is probably involved in the recruitment of the ESCRT-III complex. The ESCRT-II complex may also play |

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| | a role in transcription regulation by participating in derepression of transcription by RNA polymerase II, possibly via its interaction with ELL. Required for degradation of both endocytosed EGF and EGFR, but not for the EGFR ligand-mediated internalization. It is also required for the degradation of CXCR4.<br>**Subcellular Location:** Cytoplasm. Endosome membrane. Nucleus. Late endosome membrane. Recruited to the endosome membrane to participate in vesicle formation.<br>**Similarity:** Belongs to the SNF8 family.<br>**Database links:**<br>**Entrez Gene:** 11267 Human<br>**Entrez Gene:** 27681 Mouse<br>**Entrez Gene:** 287645 Rat<br>**Entrez Gene:** 492771 Zebrafish<br>Omim: 610904 Human<br>**SwissProt:** Q96H20 Human<br>**SwissProt:** Q9CZ28 Mouse<br>**SwissProt:** Q5RK19 Rat<br>**SwissProt:** Q5U3V9 Zebrafish<br>**Unigene:** 127249 Human<br>**Unigene:** 372235 Mouse<br>**Unigene:** 162167 Rat<br>**Unigene:** 117433 Zebrafish<br>**Unigene:** 84729 Zebrafish |

## [ VALIDATION IMAGES ]



Paraformaldehyde-fixed, paraffin embedded (rat stomach); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (EAP30) Polyclonal Antibody, Unconjugated (SL14482R) at 1:200 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructionsand DAB staining.

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