




Product datasheet

Anti-EAP30 antibody ab22768

4 Images

Overview

Product name	Anti-EAP30 antibody
Description	Rabbit polyclonal to EAP30
Host species	Rabbit
Tested applications	Suitable for: WB, IHC-P
Species reactivity	Reacts with: Human Predicted to work with: Mouse, Rat, Chicken, Cow, Dog, Xenopus laevis, Zebrafish, Xenopus tropicalis 
Immunogen	Synthetic peptide within Human EAP30 aa 1-50 (N terminal). The exact sequence is proprietary. Sequence: MHRRGVAGAGAIKKKLAEAKYKERGTVLAEDQLAQMS KQLDMFKTNLEEF Database link: Q96H20  Run BLAST with  Run BLAST with

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
Storage buffer	Preservative: 0.09% Sodium azide Constituents: 2% Sucrose, PBS
Purity	Immunogen affinity purified
Clonality	Polyclonal
Isotype	IgG

Applications

Our [Abpromise guarantee](#) covers the use of **ab22768** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
WB		Use a concentration of 1 - 10 µg/ml. Detects a band of approximately 29 kDa. Good results were obtained when blocked with 5% non-fat dry milk in 0.05% PBS-T.
IHC-P		Use a concentration of 4 - 8 µg/ml.

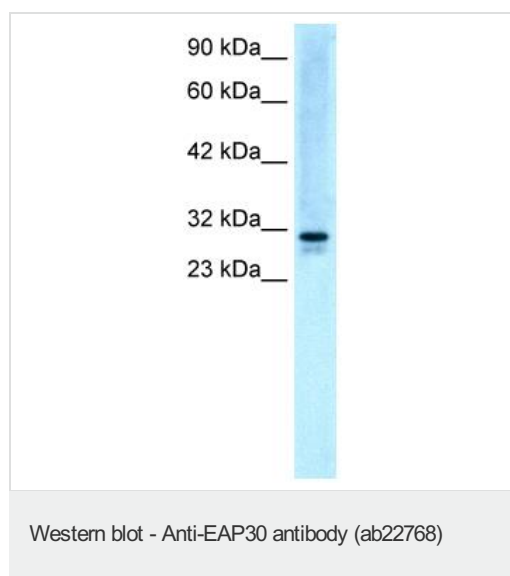
Target

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 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.

Sequence similarities Belongs to the SNF8 family.

Cellular localization Cytoplasm. Endosome membrane. Nucleus. Late endosome membrane. Recruited to the endosome membrane to participate in vesicle formation.

Images



Anti-EAP30 antibody (ab22768) at 5 µg/ml + HepG2 Cell Lysate

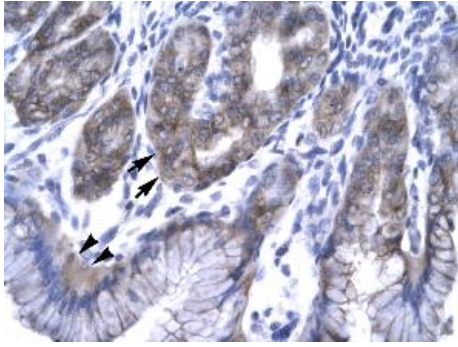
Secondary

HRP conjugated anti-Rabbit IgG diluted in 1/50,000 - 100,000

Performed under reducing conditions.

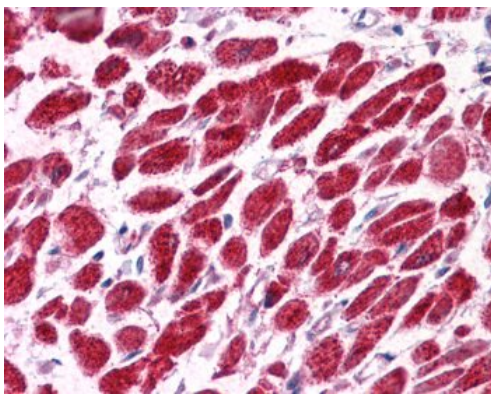
Observed band size: 29 kDa

[why is the actual band size different from the predicted?](#)



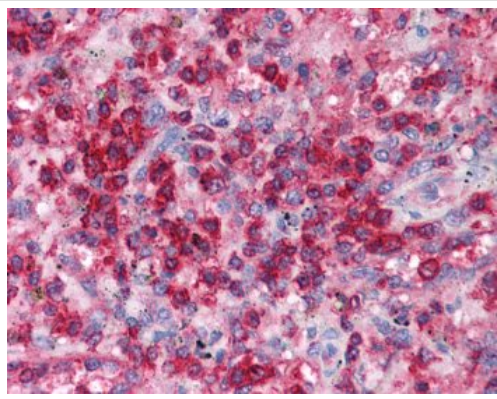
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-EAP30 antibody (ab22768)

ab22768, at a 4.0-8.0 ug/ml dilution, staining human EAP30 in human stomach by immunohistochemistry, paraffin embedded tissue. Cells with positive label: epithelial cells of fundic gland (indicated with arrows) and surface mucous cells (indicated with arrow heads)



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-EAP30 antibody (ab22768)

ab22768 staining EAP30 in Human heart tissue by Immunohistochemistry (Formalin/PFA-fixed paraffin embedded sections).



ab22768 staining EAP30 in Human spleen tissue by Immunohistochemistry (Formalin/PFA-fixed paraffin embedded sections).

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-EAP30 antibody (ab22768)

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