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Anti-TAGAP Antibody

Catalog # AP53934

Product Information

Application	WB, IHC, IF/IC
Primary Accession	Q8N103
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	80703

Additional Information

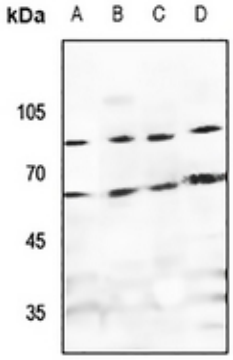
Gene ID	117289
Other Names	TAGAP1; T-cell activation Rho GTPase-activating protein; T-cell activation GTPase-activating protein
Target/Specificity	KLH-conjugated synthetic peptide encompassing a sequence within the center region of human TAGAP. The exact sequence is proprietary.
Dilution	WB~~1/500 - 1/2000 IHC~~1/50 - 1/200 IF/IC~~N/A
Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Storage	Store at -20 °C.Stable for 12 months from date of receipt

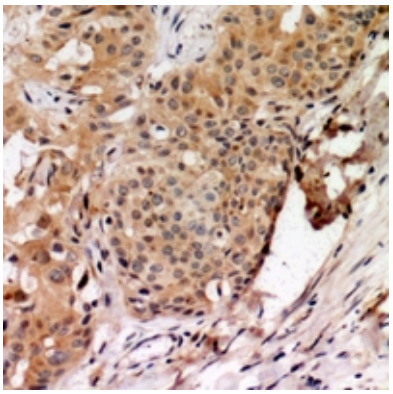
Protein Information

Name	TAGAP
Synonyms	TAGAP1
Function	May function as a GTPase-activating protein and may play important roles during T-cell activation.

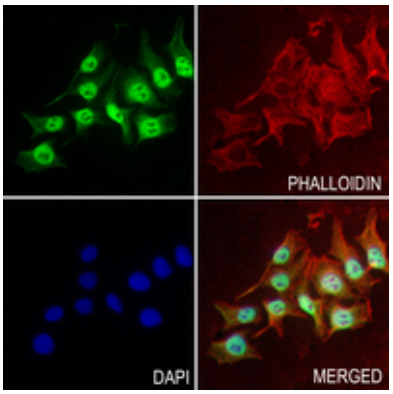
Images

Western blot analysis of TAGAP expression in mouse kidney (A), rat kidney (B), rat liver (C), rat heart (D) whole cell lysates. (Predicted band size: 80; 60; 56; 29 kD; Observed band size: 80; 60 kD)

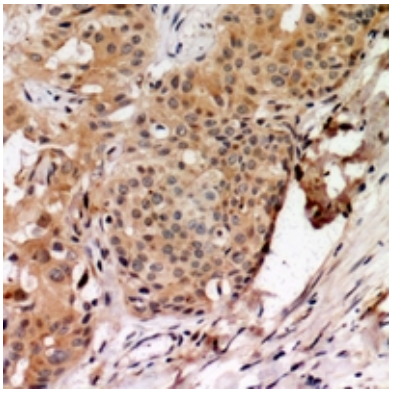




Immunohistochemical analysis of TAGAP staining in human breast cancer formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.



Immunofluorescent analysis of TAGAP staining in HepG2 cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a hidified chamber. Cells were washed with PBST and incubated with a AF488-conjugated secondary antibody (green) in PBS at room temperature in the dark. Phalloidin - AF594 was used to stain Actin filaments (red). DAPI was used to stain the cell nuclei (blue).



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