Anti- ACK1 (Phospho-Tyr284) Polyclonal Antibody

Catalog No.	Size
A100082-01	50 µl
A100082-02	100 µl

Specificity	Anti-ACK1 (Phospho-Tyr284) (human mouse)
Source	Rabbit Polyclonal
Application	WB ELISA IHC IF
Form	Liquid, 1 mg/ml

Pruduct

Swiss-Prot No.: Q07912

Other Names: ACK1, Activated p21cdc42Hs kinase, EC 2.7.10.2, Non-receptor protein tyrosine kinase Ack, TNK2, kinase ACK1

Specificity and Sensitivity

ACK1 (Phospho-Tyr284) antibody detects endogenous levels of ACK1 only when phosphorylated at tyrosine 284.

Source and Purification

The antiserum was produced against synthesized phosphopeptide derived from human ACK1 around the phosphorylation site of tyrosine 284 (D-H-Y^P-V-M).

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.

Application Notes

Optimal working dilutions should be determined experimentally by the investigator. Suggested starting dilutions are as follows:

WB: 1:500~1:3000 IHC: 1:50~1:100

IF: 1:100~1:500 ELISA: 1:10000

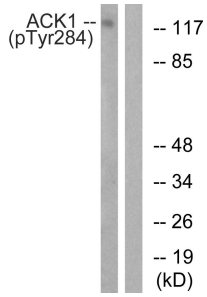
Storage Buffer

Rabbit IgG in phosphate buffered saline (without Mg^{2+} and Ca^{2+}), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

Storage Instructions

Stable for 1 year at -20°C from date of shipment. For maximum recovery of product, centrifuge the original vial after thawing and prior to removing the cap. Aliquot to avoid repeated freezing and thawing. Aliquot will be stable at 4°C for 3 months.

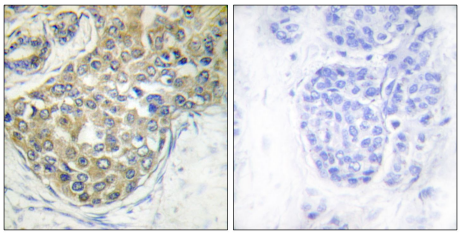
Images



EGF + +

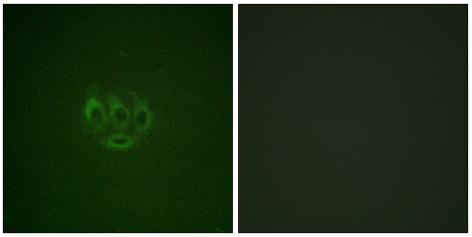
P-peptide - +

Western blot analysis of extracts from HepG2 cells, treated with EGF (200ng/ml, 30mins), using ACK1 (Phospho-Tyr284) antibody.



P-peptide - +

Immunohistochemistry analysis of paraffin-embedded human breast carcinoma tissue using ACK1 (Phospho-Tyr284) antibody.



P-peptide - +

Immunofluorescence analysis of A549 cells, using ACK1 (Phospho-Tyr284) antibody.

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