

Anti-Phospho-PTK2 (Tyr861) Polyclonal Antibody

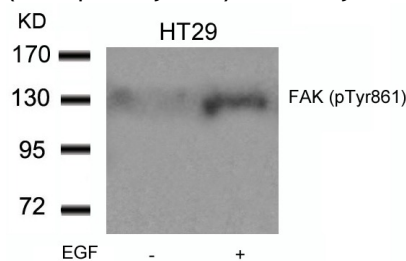
Product Details

Ig Type:	IgG
Reactivity:	Human
Conjugation:	Unconjugated
Purification:	Antibodies were produced by immunizing rabbits with synthetic phosphopeptide and KLH conjugates. Antibodies were purified by affinity-chromatography using epitope-specific phosphopeptide. Non-phospho specific antibodies were removed by chromatography using non-phosphopeptide.

Applications

Verified Activity:

1. Western blot analysis of extracts from HT29 cells untreated or treated with EGF using FAK (Phospho-Tyr861) Antibody TMAC-01435.



Application: WB

Properties

Stability & Storage:	Store at 2°C-8°C for 1 month. Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.
Shipping:	Shipping with blue ice.

Antigen Details

Immunogen:	Peptide sequence around phosphorylation site of tyrosine 861 (H-I-Y(p)-Q-P) derived from Human FAK
Antigen Species:	Human
Uniprot ID:	Q05397
Synonyms:	PTK2 (p-Y861);p-PTK2 (Tyr861);PTK2 (p-Tyr861);p-PTK2 (Y861)

Research Background

Non-receptor protein-tyrosine kinase implicated in signaling pathways involved in cell motility, proliferation and apoptosis. Activated by tyrosine-phosphorylation in response to either integrin clustering induced by cell adhesion or antibody cross-linking, or via G-protein coupled receptor (GPCR) occupancy by ligands such as bombesin or lysophosphatidic acid, or via LDL receptor occupancy. Plays a potential role in oncogenic transformations resulting in increased kinase activity.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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