

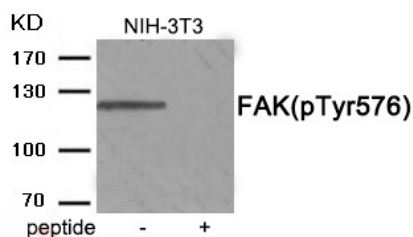
## Anti-Phospho-PTK2 (Tyr576) Polyclonal Antibody

### Product Details

Ig Type:	IgG
Reactivity:	Human,Mouse,Rat
Conjugation:	Unconjugated
Molecular Weight:	Actual: 125 kDa.
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 NIH-3T3 tissue using FAK (Phospho-Tyr576) antibody TMAC-01430. The lane on the right is treated with the antigen-specific peptide.



Application:	WB
Recommended	WB: 1:500-1000

### Properties

Stability & Storage:	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 Tyrosine576 (S-T-Y(p)-Y-K) derived from Human FAK
Antigen Species:	Human
Uniprot ID:	Q05397
Synonyms:	PTK2 (p-Tyr576);PTK2 (p-Y576);p-PTK2 (Y576);p-PTK2 (Tyr576)

### 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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