

Product datasheet for **TA380511**

FAK (PTK2) Rabbit Polyclonal Antibody

Product data:

| | |
|-------------------------|---|
| Product Type: | Primary Antibodies |
| Applications: | ICC/IF, IHC |
| Recommended Dilution: | WB,1:1000 - 1:2000 IHC,1:50 - 1:200 IF,1:50 - 1:200 |
| Reactivity: | Mouse |
| Modifications: | Unmodified |
| Host: | Rabbit |
| Isotype: | IgG |
| Clonality: | Polyclonal |
| Immunogen: | Recombinant fusion protein containing a sequence corresponding to amino acids 425-660 of human FAK (NP_005598.3). |
| Formulation: | Buffer: PBS with 0.02% sodium azide,50% glycerol,pH7.3. |
| Concentration: | lot specific |
| Purification: | Affinity purification |
| Conjugation: | Unconjugated |
| Storage: | Store at -20°C. Avoid freeze / thaw cycles. |
| Stability: | Shelf life: one year from despatch. |
| Predicted Protein Size: | 39kDa/48kDa/63kDa/99kDa/114kDa/119kDa/120kDa |
| Gene Name: | protein tyrosine kinase 2 |
| Database Link: | Q05397 |



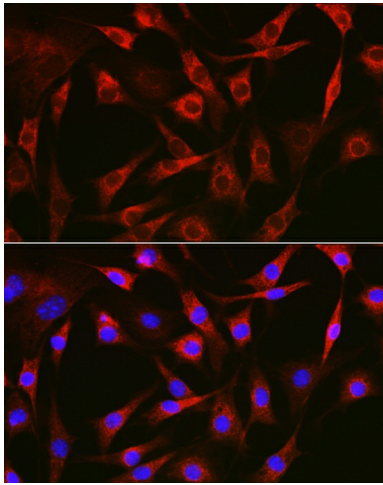
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Background:

This gene encodes a cytoplasmic protein tyrosine kinase which is found concentrated in the focal adhesions that form between cells growing in the presence of extracellular matrix constituents. The encoded protein is a member of the FAK subfamily of protein tyrosine kinases but lacks significant sequence similarity to kinases from other subfamilies. Activation of this gene may be an important early step in cell growth and intracellular signal transduction pathways triggered in response to certain neural peptides or to cell interactions with the extracellular matrix. Several transcript variants encoding different isoforms have been found for this gene.

Synonyms:

FADK; FAK; FAK1; FRNK; pp125FAK

Product images:

Immunofluorescence analysis of NIH-3T3 cells using FAK Rabbit pAb (TA380511) at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.