

FAK Polyclonal Antibody

catalog number: E-AB-12402

Note: Centrifuge before opening to ensure complete recovery of vial contents.

Description

Reactivity	Human;Mouse;Rat
Immunogen	Synthetic peptide of human PTK2
Host	Rabbit
Isotype	IgG
Purification	Affinity purification
Conjugation	Unconjugated
Buffer	Phosphate buffered solution, pH 7.4, containing 0.05% stabilizer and 50% glycerol.

Applications

Recommended Dilution

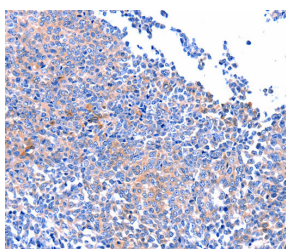
WB	1:2000-1:5000
IHC	1:100-1:300

Data

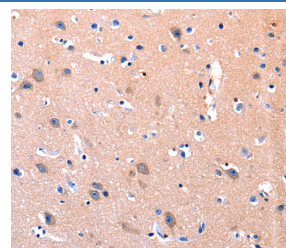


Western Blot analysis of Mouse brain tissue using FAK Polyclonal Antibody at dilution of 1:1850

Calculated-MV:114 kDa



Immunohistochemistry of paraffin-embedded Human ovarian cancer using FAK Polyclonal Antibody at dilution of 1:75



Immunohistochemistry of paraffin-embedded Human brain using FAK Polyclonal Antibody at dilution of 1:75

Preparation & Storage

Storage	Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.
Shipping	The product is shipped with ice pack, upon receipt, store it immediately at the temperature recommended.

Background

For Research Use Only

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, but the full-length natures of only three of them have been determined.