

Rabbit PTK2 Polyclonal Antibody | anti-PTK2 antibody

PTK2 Polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA167373	Rabbit	Human, Mouse, Rat	Immunohistochemistry, Western Blot, ELISA

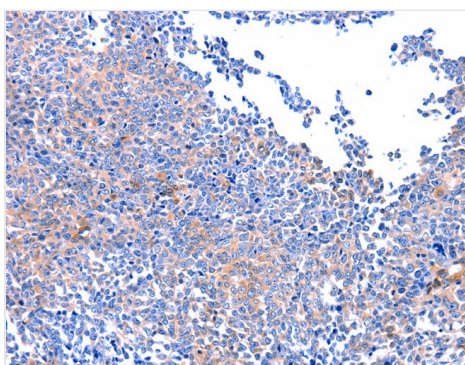
PRODUCT SYNONYMS

PTK2; Polyclonal Antibody; PTK2 Polyclonal Antibody; FAK; FADK; FAK1; FRNK; PPP1R71; p125FAK; pp125FAK; anti-PTK2 antibody

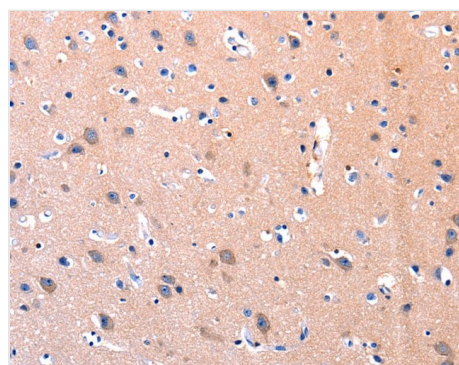
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen affinity purification
Concentration	3.7mg/mL (varies by lot)
Sequence Length	84
Applicable Applications for anti-PTK2 antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA
Immunogen	Synthetic peptide of human PTK2
Buffer	PBS with 0.05% sodium azide, 50% glycerol, pH7.3
Preparation and Storage	Store at -20 degree C (regular) and -80 degree C (long term). Avoid freeze / thaw cycles.

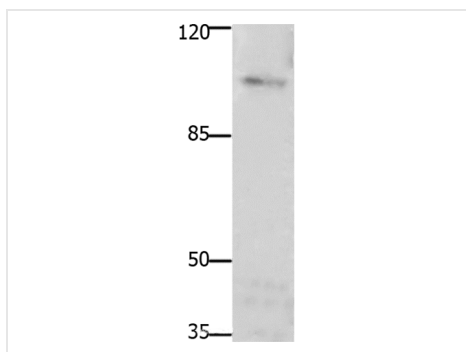
IMAGES


IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Human ovarian cancer using PTK2 Polyclonal Antibody at dilution of 1:75


IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Human brain using PTK2 Polyclonal Antibody at dilution of 1:75



WB (Western Blot)

Western Blot analysis of Mouse brain tissue using PTK2 Polyclonal Antibody at dilution of 1:1850

ADDITIONAL INFORMATION

Related Product Information for anti-PTK2 antibody

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.

Product Categories/Family for anti-PTK2 antibody

Cancer; Epigenetics

NCBI AND UNIPROT INFORMATION

NCBI GI #	119612620
NCBI GeneID	5747
Molecular Weight	114,253 Da
NCBI Official Full Name	PTK2 protein tyrosine kinase 2, isoform CRA_d, partial
NCBI Official Synonym Full Names	protein tyrosine kinase 2
NCBI Official Symbol	PTK2
NCBI Official Synonym Symbols	FAK; FADK; FAK1; FRNK; PPP1R71; p125FAK; pp125FAK
NCBI Protein Information	focal adhesion kinase 1; FADK 1; FAK-related non-kinase polypeptide; PTK2 protein tyrosine kinase 2; focal adhesion kinase isoform FAK-Del33; focal adhesion kinase-related nonkinase; protein phosphatase 1 regulatory subunit 71; protein phosphatase 1, regulatory subunit 71
UniProt Protein Name	Focal adhesion kinase 1
UniProt Gene Name	PTK2
UniProt Synonym Gene Names	FAK; FAK1; FADK 1; FRNK; PPP1R71
UniProt Entry Name	FAK1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://stage.aaabiotech.com/polyclonal/ptk2-antibody-immunohistochemistry-western-blot-elisa/167373>