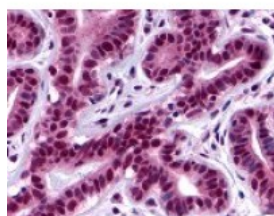




PTK2 Antibody

CATALOG NUMBER: 48-214



Immunohistochemistry staining of PTK2 in ductal and lobular epithelium tissue using PTK2 Antibody.

Specifications

SPECIES REACTIVITY:	Bat, Bovine, Chicken, Dog, Gibbon, Gorilla, Hamster, Horse, Human, Monkey, Mouse, Rat
TESTED APPLICATIONS:	IHC
APPLICATIONS:	PTK2 antibody can be used in immunohistochemistry starting at 1:50.
USER NOTE:	Optimal dilutions for each application to be determined by the researcher.
SPECIFICITY:	BLAST analysis of the peptide immunogen showed no homology with other human proteins.
IMMUNOGEN:	PTK2 antibody was raised against a peptide located near the internal domain of PTK2 (Human).
HOST SPECIES:	Rabbit

Properties

PURIFICATION:	Immunoaffinity Chromatography
PHYSICAL STATE:	Liquid
BUFFER:	PBS, 0.1% sodium azide.
STORAGE CONDITIONS:	PTK2 antibody should be stored long term (months) at -80 °C and short term (days) at 4 °C. As with all antibodies avoid freeze/thaw cycles.
CLONALITY:	Polyclonal
CONJUGATE:	Unconjugated

Additional Info

ALTERNATE NAMES:	PTK2, FADK, Fadk1, Focal adhesion kinase, FRNK, FADK 1, Focal adhesion kinase 1, FAK1, p125FAK, PPP1R71, Protein-tyrosine kinase 2, PTK2 protein tyrosine kinase 2, FAK, pp125 FA kinase, Pp125FAK
ACCESSION NO.:	Q05397
PROTEIN GI NO.:	3183518
OFFICIAL SYMBOL:	PTK2
GENE ID:	5747

Background

BACKGROUND:

Focal adhesion kinase (FAK) is a non-receptor protein-tyrosine kinase that is involved in signaling pathways involved in cell motility, proliferation, and apoptosis. FAK is 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. FAK plays a potential role in oncogenic transformation resulting in increased kinase activity.

FOR RESEARCH USE ONLY

December 13, 2016