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Product datasheet for TA325462

FGFR3 Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	WB: 1:500-1:2000; IHC: 1:50-1:200
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	The antiserum was produced against a synthesized A synthesized peptide derived from human FGFR3.
Formulation:	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration:	lot specific
Purification:	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific peptide.
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Gene Name:	fibroblast growth factor receptor 3
Database Link:	NP_000133 Entrez Gene 14184 MouseEntrez Gene 84489 RatEntrez Gene 2261 Human P22607

View online »

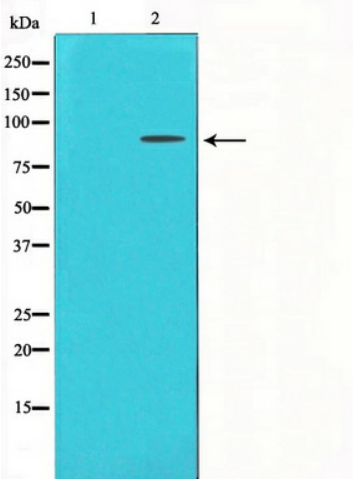
Background: FGFR3 a receptor tyrosine kinase of the highly-conserved FGFR family that binds fibroblast growth factor (FGF). Mutations are associated with thanatophoric dysplasia (TD), craniosynostosis Adelaide type, many craniosynostotic syndromes and bone malformations. Three splice-variant isoforms have been described. Activating point mutations cause dwarfism, including achondroplasia, hypochrondroplasia and thanatophoric dysplasia, and facial and other morphogenetic disorders, including Crouzon syndrome, craniosynostosis Adelaide type, San Diego skeletal displasia and Muenke syndrome. Translocations t(4;14) involving the IgH region are common in multiple myeloma and frequently involve FGFR3.

Synonyms: ACH; CD333; CEK2; HSFGFR3EX; JTK4

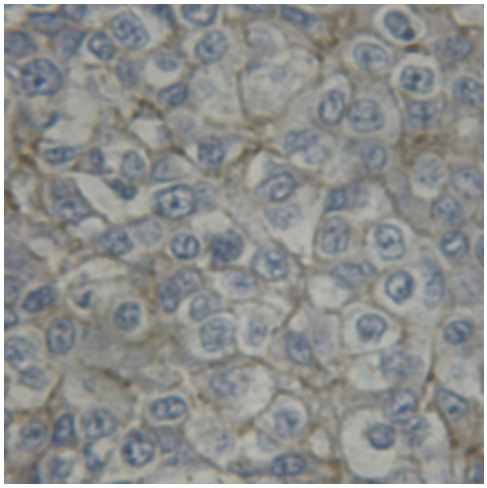
Protein Families: Druggable Genome, Protein Kinase, Transmembrane

Protein Pathways: Bladder cancer, Endocytosis, MAPK signaling pathway, Pathways in cancer, Regulation of actin cytoskeleton

Product images:



Western blot analysis on LOVO cell lysate using FGFR3 Antibody



Immunohistochemical analysis of paraffin-embedded breast carcinoma tissue using FGFR3 Antibody.