FGF4 Conjugated Antibody

Catalog No: #C36772

SAB Signalway Antibody

Package Size: #C36772-AF350 100ul #C36772-AF405 100ul #C36772-AF488 100ul

#C36772-AF555 100ul #C36772-AF594 100ul #C36772-AF647 100ul

#C36772-AF680 100ul #C36772-AF750 100ul #C36772-Biotin 100ul

Orders: order@signalwayantibody.com Support: tech@signalwayantibody.com

Description

Rabbit Clonality Polyclonal Species Reactivity Hu Ms Specificity The antibody detects endogenous levels of total FGF4 protein. Immunogen Description Synthetic peptide corresponding to residues near the C terminal of human fibroblast growth factor 4 Conjugates Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750 Other Names HST, KFGF, HST-1, HSTF1, K-FGF, HBGF-4 Accession No. Swiss-Prot#.P08620NCBI Gene ID:2249NCBI Protein#.NP_001998 Uniprot P08620 GeneID 2249; Excitation Emission AF350: 346nm/442nm AF488: 493nm/419nm AF488: 493nm/519nm AF555: 555nm/565nm AF594: 591nm/614nm AF680: 679nm/702nm AF680: 679nm/702nm AF750: 749nm/775nm Formulation 0.01M Sodium Phosphate, 0.25M NaCl, pH 7.6, 5mg/ml Bovine Serum Albumin, 0.02% Sodium Azide		
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Storage Store at 4°C in dark for 6 months	Formulation	0.01M Sodium Phosphate, 0.25M NaCl, pH 7.6, 5mg/ml Bovine Serum Albumin, 0.02% Sodium Azide
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Application Details

Suggested Dilution:

AF350 conjugated: most applications: 1: 50 - 1: 250
AF405 conjugated: most applications: 1: 50 - 1: 250
AF488 conjugated: most applications: 1: 50 - 1: 250
AF555 conjugated: most applications: 1: 50 - 1: 250
AF594 conjugated: most applications: 1: 50 - 1: 250
AF647 conjugated: most applications: 1: 50 - 1: 250
AF680 conjugated: most applications: 1: 50 - 1: 250
AF750 conjugated: most applications: 1: 50 - 1: 250

 $Biotin \ conjugated: working \ with \ enzyme-conjugated \ streptavidin, \ most \ applications: \ 1:50 - 1:1,000$

Background

The protein encoded by this gene is a member of the fibroblast growth factor (FGF) family. FGF family members possess broad mitogenic and cell survival activities and are involved in a variety of biological processes including embryonic development, cell growth, morphogenesis, tissue repair, tumor growth and invasion. This gene was identified by its oncogenic transforming activity. This gene and FGF3, another oncogenic growth factor, are located closely on chromosome 11. Co-amplification of both genes was found in various kinds of human tumors. Studies on the mouse homolog suggested a function in bone morphogenesis and limb development through the sonic hedgehog (SHH) signaling pathway.

Note: This product is for in vitro research use only