ELK Biotechnology

FOP rabbit pAb

Cat No.:ES2358

For research use only

Overview

Product Name	FOP rabbit pAb
Host species	Rabbit
Applications	WB;IHC;IF;ELISA
Species Cross-Reactivity	Human;Mouse;Rat
Recommended dilutions	Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. Immunofluorescence: 1/200 - 1/1000. ELISA: 1/10000. Not yet tested in other applications.
Immunogen	The antiserum was produced against synthesized peptide derived from human FGFR1 Oncogene Partner. AA range:341-390
Specificity	FOP Polyclonal Antibody detects endogenous levels of FOP protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Storage	Store at -20°C. Avoid repeated freeze-thaw cycles.
Protein Name	FGFR1 oncogene partner
Gene Name	FGFR1OP
Cellular localization	Cytoplasm, cytoskeleton, microtubule organizing center, centrosome . Cytoplasm, cytoskeleton, microtubule organizing center, centrosome, centriole . Cytoplasm, cytoskeleton, cilium basal body . Associated with gamma-tubulin (PubMed:16314388). Localizes on
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Clonality	Polyclonal
Concentration	1 mg/ml
Observed band	43kD
Human Gene ID	11116
Human Swiss-Prot Number	O95684
Alternative Names	FGFR1OP; FOP; FGFR1 oncogene partner

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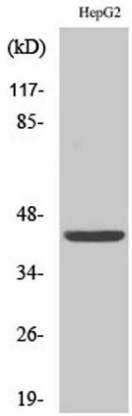
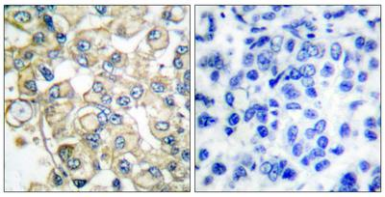
Background

FGFR1 oncogene partner(FGFR1OP) Homo sapiens This gene encodes a largely hydrophilic centrosomal protein that is required for anchoring microtubules to subcellular structures. A t(6;8)(q27;p11) chromosomal translocation, fusing this gene and the fibroblast growth factor receptor 1 (FGFR1) gene, has been found in cases of myeloproliferative disorder. The resulting chimeric protein contains the N-terminal leucine-rich region of this encoded protein fused to the catalytic domain of FGFR1. Alterations in this gene may also be associated with Crohn's disease, Graves' disease, and vitiligo. Alternatively spliced transcript variants that encode different proteins have been identified. [provided by RefSeq, Jul 2013],



Western Blot analysis of various cells using FOP Polyclonal Antibody



Immunohistochemistry analysis of paraffin-embedded human breast carcinoma tissue, using FGFR1 Oncogene Partner Antibody. The picture on the right is blocked with the synthesized peptide.

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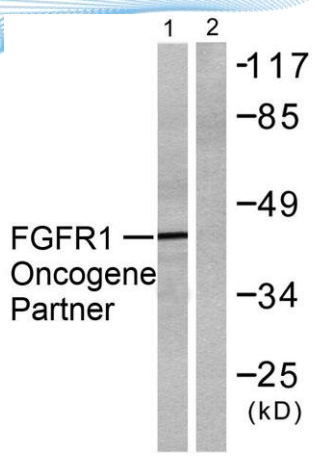

Western blot analysis of lysates from HepG2 cells, using FGFR1 Oncogene Partner Antibody. The lane on the right is blocked with the synthesized peptide.

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