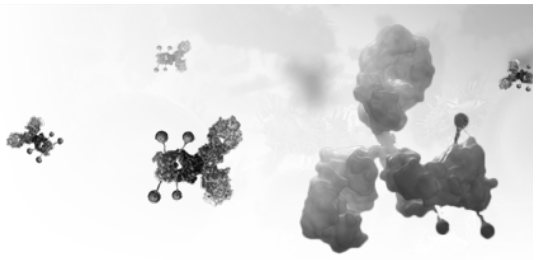

Anti-FGF12 (full length) polyclonal antibody (DPAB-DC983)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	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 growth factor lacks the N-terminal signal sequence present in most of the FGF family members, but it contains clusters of basic residues that have been demonstrated to act as a nuclear localization signal. When transfected into mammalian cells, this protein accumulated in the nucleus, but was not secreted. The specific function of this gene has not yet been determined. Two alternatively spliced transcript variants encoding distinct isoforms have been reported.
Immunogen	FGF12 (AAH22524, 1 a.a. ~ 181 a.a) full-length recombinant protein with GST tag. The sequence is MESKEPQLKGIVTRLFSQQGYFLQMHPDGTIDGTKDENSDYTLFNLIPVGLRVVAIQGVK ASLYVAMNGEGYLYSSDVFTPECKFKESVFENYYVIYSSTLYRQQESGRAWFLGLNKEGQ IMKGNRVKKTKPSSHFVPKPIEVCMYREQSLHEIGEKQGRSRKSSGTPTMNGGKVVNQDS T
Source/Host	Mouse
Species Reactivity	Human
Conjugate	Unconjugated
Applications	WB (Recombinant protein), ELISA,
Size	50 µl
Buffer	50 % glycerol
Preservative	None

45-1 Ramsey Road, Shirley, NY 11967, USA
Email: info@creative-diagnostics.com
Tel: 1-631-624-4882 Fax: 1-631-938-8221

Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

GENE INFORMATION

Gene Name	FGF12 fibroblast growth factor 12 [Homo sapiens (human)]
Official Symbol	FGF12
Synonyms	FGF12; fibroblast growth factor 12; FHF1; FGF12B; FHF-1; FGF-12; myocyte-activating factor; fibroblast growth factor 12B; fibroblast growth factor FGF-12b; fibroblast growth factor homologous factor 1;
Entrez Gene ID	2257
Protein Refseq	NP_004104
UniProt ID	P61328
Chromosome Location	3q28
Pathway	MAPK signaling pathway; Melanoma; PI3K-Akt signaling pathway; Pathways in cancer
Function	NOT fibroblast growth factor receptor binding; growth factor activity; heparin binding; ion channel binding

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