

Datasheet for ABIN1679841
anti-FGF12 antibody (AA 1-181)[Go to Product page](#)

4 Images

Overview

Quantity:	100 µg
Target:	FGF12
Binding Specificity:	AA 1-181
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This FGF12 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunofluorescence (IF)

Product Details

Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 1-181 of human FGF12 (NP_004104.3).
Sequence:	MESKEPQLKG IVTRLFSQQG YFLQMHPDGT IDGTKDENSD YTLFNLIPVG LRVVAIQGVK ASLYVAMNGE GYLYSSDVFT PECKFKESVF ENYYVIYSST LYRQQESGRA WFLGLNKEGQ IMKGNRVKKT KPSSHFPVKP IEVCMYREPS LHEIGEKQGR SRKSSGTPTM NGGKVVNQDS T
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Characteristics:	Polyclonal Antibodies
Purification:	Affinity purification

Target Details

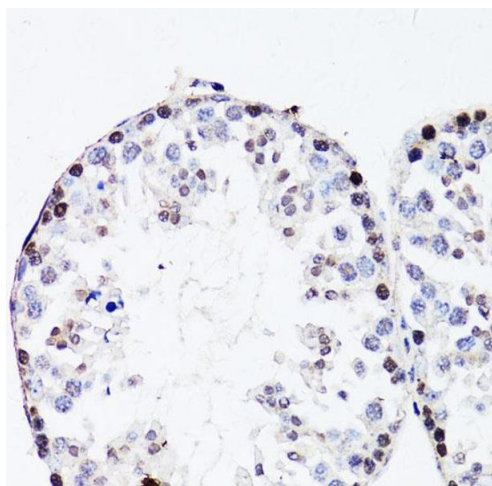
Target:	FGF12
Alternative Name:	FGF12 (FGF12 Products)
Background:	<p>The protein encoded by this gene is a member of the fibroblast growth factor (FGF) family. FGF family members possess broad mitogenic and cell survival activities, and are involved in a variety of biological processes, including embryonic 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.,FGF12,EIEE47,FGF12B,FHF1,Signal Transduction,Cell Biology & Developmental Biology,Growth factor,Immunology & Inflammation,Cytokines,Cardiovascular,Angiogenesis,FGF12</p>
Molecular Weight:	20 kDa/27 kDa
Gene ID:	2257
UniProt:	P61328
Pathways:	Negative Regulation of Transporter Activity

Application Details

Application Notes:	WB,1:500 - 1:2000,IHC,1:50 - 1:200,IF,1:50 - 1:200
Restrictions:	For Research Use only

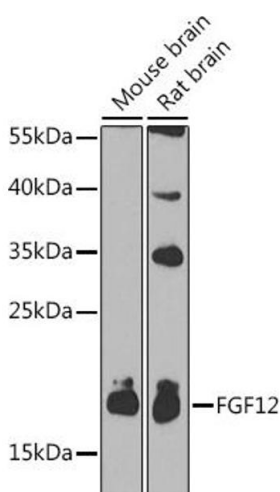
Handling

Buffer:	PBS with 0.02 % sodium azide,50 % glycerol, pH 7.3.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.



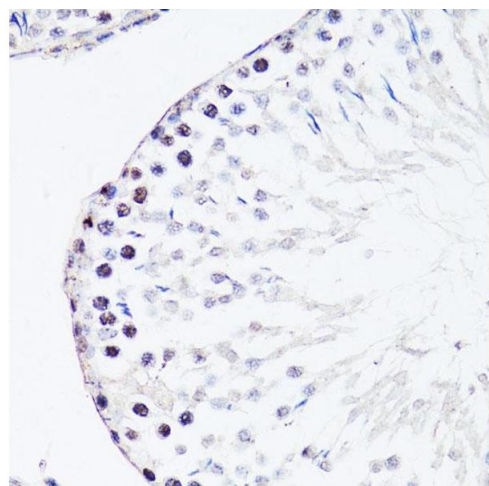
Immunohistochemistry

Image 1. Immunohistochemistry of paraffin-embedded mouse testis using FGF12 antibody (ABIN3016419, ABIN3016420, ABIN1679841 and ABIN6219744) at dilution of 1:150 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with IHC staining protocol.



Western Blotting

Image 2. Western blot analysis of extracts of various cell lines, using FGF12 antibody (ABIN3016419, ABIN3016420, ABIN1679841 and ABIN6219744) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (ABIN1684268 and ABIN3020597) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3 % nonfat dry milk in TBST. Detection: ECL Enhanced Kit (RM00021). Exposure time: 90s.



Immunohistochemistry

Image 3. Immunohistochemistry of paraffin-embedded rat testis using FGF12 antibody (ABIN3016419, ABIN3016420, ABIN1679841 and ABIN6219744) at dilution of 1:150 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with IHC staining protocol.

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN1679841.