# .-online.com antibodies

# Datasheet for ABIN2777106 anti-FGF2 antibody (Middle Region)

6 Images



## Overview

Quantity:	100 µL
Target:	FGF2
Binding Specificity:	Middle Region
Reactivity:	Human, Mouse, Rat, Rabbit, Cow, Sheep, Dog, Zebrafish (Danio rerio), Guinea Pig, Horse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This FGF2 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC)

## Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the middle region of human FGF2
Sequence:	RLESNNYNTY RSRKYTSWYV ALKRTGQYKL GSKTGPGQKA ILFLPMSAKS
Predicted Reactivity:	Cow: 93%, Dog: 93%, Guinea Pig: 100%, Horse: 93%, Human: 100%, Mouse: 100%, Rabbit: 100%, Rat: 100%, Sheep: 93%, Zebrafish: 86%
Characteristics:	This is a rabbit polyclonal antibody against FGF2. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified
Target Details	
Target:	FGF2

Order at www.antibodies-online.com | www.antikoerper-online.de | www.anticorps-enligne.fr | www.antibodies-online.cn International: +49 (0)241 95 163 153 | USA & Canada: +1 877 302 8632 | support@antibodies-online.com Page 1/4 | Product datasheet for ABIN2777106 | 09/11/2023 | Copyright antibodies-online. All rights reserved.

Target Details	
Alternative Name:	FGF2 (FGF2 Products)
Background:	The heparin-binding growth factors are angiogenic agents in vivo and are potent mitogens for a
	variety of cell types in vitro. There are differences in the tissue distribution and concentration of
	these 2 growth factors. The protein encoded by this gene is a member of the fibroblast growth
	factor (FGF) family. FGF family members bind heparin and possess broad mitogenic and
	angiogenic activities. This protein has been implicated in diverse biological processes, such as
	limb and nervous system development, wound healing, and tumor growth. The mRNA for this
	gene contains multiple polyadenylation sites, and is alternatively translated from non-AUG
	(CUG) and AUG initiation codons, resulting in five different isoforms with distinct properties.
	The CUG-initiated isoforms are localized in the nucleus and are responsible for the intracrine
	effect, whereas, the AUG-initiated form is mostly cytosolic and is responsible for the paracrine
	and autocrine effects of this FGF. Publication Note: This RefSeq record includes a subset of the
	publications that are available for this gene. Please see the Entrez Gene record to access
	additional publications.
	Alias Symbols: BFGF, FGFB, HBGF-2
	Protein Interaction Partner: TUBG1, HMT1, PRMT1, CRYAB, THBS1, UBC, API5, CEP57, FGFRL1
	FGFBP1, CXCL13, RPL6, RPS19, PTX3, NRP1, GPC4, RPS6KA3, GPC3, VTN, SDC3, SDC1, PF4,
	HSPG2, SDC2, FGFR1, FGFR4, FGFR3, FGF2, CSNK2A2, CSNK2B, CSNK2A1, CD44, SDC4,
	Protein Size: 288
Molecular Weight:	31 kDa
Gene ID:	2247
NCBI Accession:	NM_002006, NP_001997
UniProt:	P09038
Pathways:	RTK Signaling, Fc-epsilon Receptor Signaling Pathway, EGFR Signaling Pathway, Neurotrophin
	Signaling Pathway, C21-Steroid Hormone Metabolic Process, Inositol Metabolic Process,
	Glycosaminoglycan Metabolic Process, Protein targeting to Nucleus, S100 Proteins

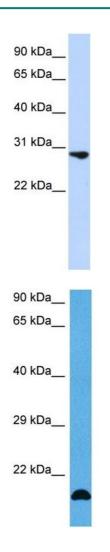
# Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 288 AA
Restrictions:	For Research Use only

Order at www.antibodies-online.com | www.antikoerper-online.de | www.anticorps-enligne.fr | www.antibodies-online.cn International: +49 (0)241 95 163 153 | USA & Canada: +1 877 302 8632 | support@antibodies-online.com Page 2/4 | Product datasheet for ABIN2777106 | 09/11/2023 | Copyright antibodies-online. All rights reserved. Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

Images



#### Western Blotting

**Image 1.** WB Suggested Anti-FGF2 Antibody Titration: 0.2-1 ug/ml ELISA Titer: 1:312500 Positive Control: Jurkat cell lysate

## Western Blotting

Image 2. Host: Mouse Target Name: FGF2 Sample Tissue: Mouse Skeletal Muscle Antibody Dilution: 1ug/ml

Order at www.antibodies-online.com | www.antikoerper-online.de | www.anticorps-enligne.fr | www.antibodies-online.cn International: +49 (0)241 95 163 153 | USA & Canada: +1 877 302 8632 | support@antibodies-online.com Page 3/4 | Product datasheet for ABIN2777106 | 09/11/2023 | Copyright antibodies-online. All rights reserved.

250 kDa-	Western Blotting
150 kDa-	Image 2 MD Suggested Anti ECE2 Antihedy Titration: 2
100 kDa-	Image 3. WB Suggested Anti-FGF2 Antibody Titration: 2
75 kDa-	ug/ml ELISA Titer: 1:312500 Positive Control: Hela cell
50 kDa-	lysate
37 kDa-	
25 kDa-	
20 kDa-	
15 kDa–	
10 kDa-	

Please check the product details page for more images. Overall 6 images are available for ABIN2777106.