



Datasheet for ABIN7249037

## anti-FGF2 antibody



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### 2 Images

#### Overview

Quantity:	200 µL
Target:	FGF2
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This FGF2 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC)

#### Product Details

Immunogen:	Synthetic peptide of human FGF2
Isotype:	IgG
Characteristics:	Polyclonal Antibody
Purification:	Affinity purification

#### Target Details

Target:	FGF2
Alternative Name:	FGF2 ( <a href="#">FGF2 Products</a> )
Background:	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

## Target Details

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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.

Molecular Weight:	31 kDa
NCBI Accession:	<a href="#">NP_001997</a>
UniProt:	<a href="#">P09038</a>
Pathways:	<a href="#">RTK Signaling</a> , <a href="#">Fc-epsilon Receptor Signaling Pathway</a> , <a href="#">EGFR Signaling Pathway</a> , <a href="#">Neurotrophin Signaling Pathway</a> , <a href="#">C21-Steroid Hormone Metabolic Process</a> , <a href="#">Inositol Metabolic Process</a> , <a href="#">Glycosaminoglycan Metabolic Process</a> , <a href="#">Protein targeting to Nucleus</a> , <a href="#">S100 Proteins</a>

## Application Details

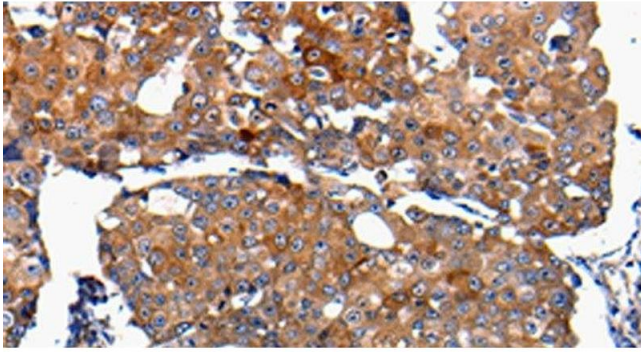
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Application Notes:	WB 1:1000-1:5000, IHC 1:100-1:500
Restrictions:	For Research Use only

## Handling

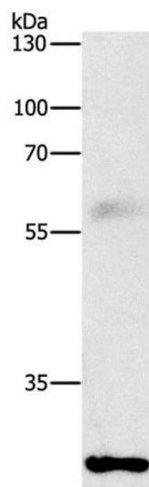
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Format:	Liquid
Concentration:	0.7 mg/mL
Buffer:	PBS with 0.05 % sodium azide and 50 % glycerol, PH7.4
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.



### Immunohistochemistry (Paraffin-embedded Sections)

**Image 1.** Immunohistochemistry of paraffin-embedded Human breast cancer using FGF2 Polyclonal Antibody at dilution of 1:100



### Western Blotting

**Image 2.** Western Blot analysis of Mouse lung tissue using FGF2 Polyclonal Antibody at dilution of 1:1000