

Datasheet for ABIN1679839  
**anti-FGFR3 antibody (AA 39-138)**

## 5 Images

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## Overview

Quantity:	100 µg
Target:	FGFR3
Binding Specificity:	AA 39-138
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This FGFR3 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 39-138 of human FGFR3 (NP_000133.1).
Sequence:	PGPEPGQEQ LVFGSGDAVE LSCPPPGGGP MGPTVWVKDG TGLVPSEVL VGPQRLQVLN ASHEDSGAYS CRQRLTQRLV CHFSVRVTDA PSSGDDEGE
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Characteristics:	Polyclonal Antibodies
Purification:	Affinity purification

## Target Details

Target:	FGFR3
Alternative Name:	FGFR3 ( <a href="#">FGFR3 Products</a> )
Background:	<p>This gene encodes a member of the fibroblast growth factor receptor (FGFR) family, with its amino acid sequence being highly conserved between members and among divergent species. FGFR family members differ from one another in their ligand affinities and tissue distribution. A full-length representative protein would consist of an extracellular region, composed of three immunoglobulin-like domains, a single hydrophobic membrane-spanning segment and a cytoplasmic tyrosine kinase domain. The extracellular portion of the protein interacts with fibroblast growth factors, setting in motion a cascade of downstream signals, ultimately influencing mitogenesis and differentiation. This particular family member binds acidic and basic fibroblast growth hormone and plays a role in bone development and maintenance. Mutations in this gene lead to craniosynostosis and multiple types of skeletal dysplasia. Three alternatively spliced transcript variants that encode different protein isoforms have been described.,ACH,CD333,CEK2,HSFGFR3EX,JTK4,FGFR3,Cancer,Signal Transduction,Kinase,Tyrosine kinases,Cell Biology &amp; Developmental Biology,Growth factor,ESC Pluripotency and Differentiation,Immunology &amp; Inflammation,CD markers,Stem Cells,Neural Stem Cells,Cardiovascular,Angiogenesis,FGFR3</p>
Molecular Weight:	75 kDa/85 kDa/87 kDa/88 kDa
Gene ID:	2261
UniProt:	<a href="#">P22607</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="#">Stem Cell Maintenance</a> , <a href="#">Growth Factor Binding</a>

## Application Details

Application Notes:	WB,1:500 - 1:2000,IHC,1:50 - 1:100,IF,1:50 - 1:200
Restrictions:	For Research Use only

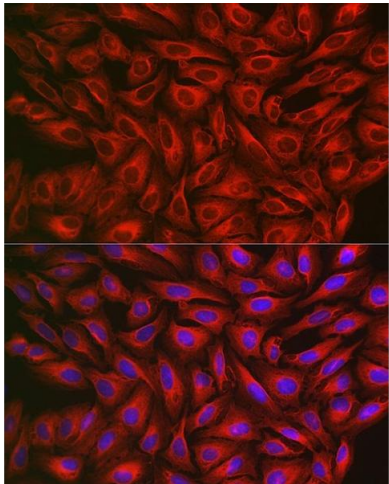
## Handling

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.

Handling

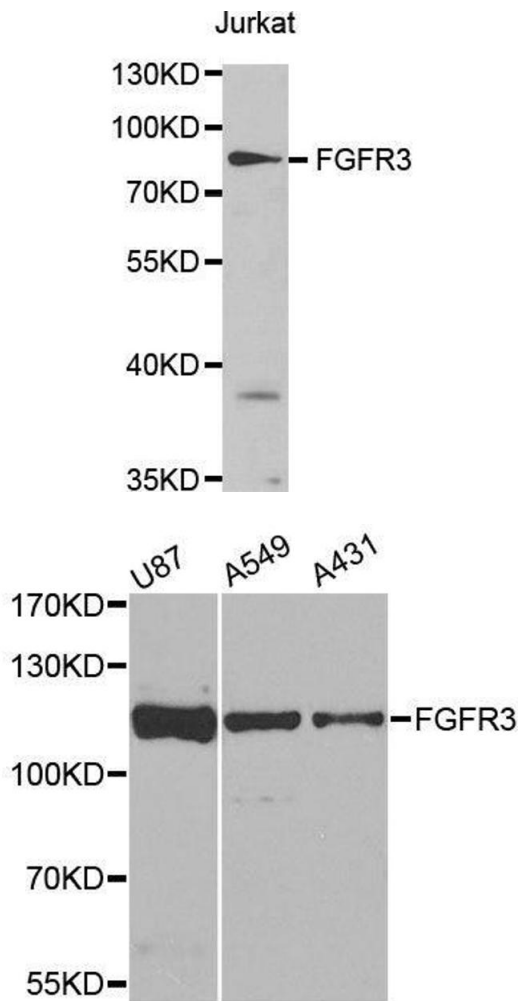
Storage:	-20 °C
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.

Images



**Immunofluorescence**

**Image 1.** Immunofluorescence analysis of U2OS cells using FGFR3 Rabbit pAb (ABIN1679839, ABIN3015135, ABIN3015137 and ABIN6213838) at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.



**Western Blotting**

**Image 2.**

**Western Blotting**

**Image 3.** Western blot analysis of extracts of various cell lines, using FGFR3 antibody.

Please check the [product details page](#) for more images. Overall 5 images are available for ABIN1679839.