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Datasheet for ABIN6746747

## anti-FGFR2 antibody (AA 292-341)

1 Image

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### Overview

Quantity:	100 µL
Target:	FGFR2
Binding Specificity:	AA 292-341
Reactivity:	Human, Mouse, Rat, Monkey, Cow, Dog, Guinea Pig, Horse, Rabbit, Sheep, Pig
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This FGFR2 antibody is un-conjugated
Application:	Western Blotting (WB)

### Product Details

Immunogen:	Synthetic peptide located between aa292-341 of human FGFR2 (P21802, NP_075259). Percent identity by BLAST analysis: Human, Chimpanzee, Gorilla, Gibbon, Monkey, Galago, Mouse, Rat, Sheep, Elephant, Dog, Bovine, Rabbit, Horse, Pig, Guinea pig, Zebra finch (100%), Opossum, Turkey, Chicken, Platypus, Lizard, Xenopus (92%), Zebrafish (90%).  Type of Immunogen: Synthetic peptide
Specificity:	Human FGFR2
Predicted Reactivity:	Percent identity by BLAST analysis: Human, Mouse, Rat, Sheep, Dog, Bovine, Rabbit, Horse, Pig, Guinea pig (100%) Chicken (92%) Zebrafish (90%).
Purification:	Immunoaffinity purified

## Target Details

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Target:	FGFR2
Alternative Name:	FGF Receptor / FGFR2 ( <a href="#">FGFR2 Products</a> )
Background:	Name/Gene ID: FGFR2 Subfamily: FGF Receptor Family: Protein Kinase  Synonyms: FGFR2, BEK, BBDS, Bacteria-expressed kinase, CD332 antigen, CFD1, Craniofacial dysostosis 1, CEK3, Fgf bek, FGF receptor, Hydroxyaryl-protein kinase, Jackson-Weiss syndrome, JWS, FGF Receptor 2, KSAM, KGFR, Soluble FGFR4 variant 4, BFR-1, TK14, TK25, CD332, ECT1, K-SAM
Gene ID:	2263
NCBI Accession:	<a href="#">NP_075259</a>
UniProt:	<a href="#">P21802</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="#">Regulation of Muscle Cell Differentiation</a> , <a href="#">Skeletal Muscle Fiber Development</a> , <a href="#">Growth Factor Binding</a>

## Application Details

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Application Notes:	Approved: WB (0.2 - 1 µg/mL)  Usage: Western Blot: Suggested dilution at 1 µg/mL in 5 % skim milk / PBS buffer, and HRP conjugated anti-Rabbit IgG should be diluted in 1: 50,000 - 100,000 as secondary antibody.
Comment:	Target Species of Antibody: Human
Restrictions:	For Research Use only

## Handling

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Format:	Lyophilized
Reconstitution:	Distilled water
Concentration:	Lot specific
Buffer:	Lyophilized from PBS with 2 % sucrose
Handling Advice:	Avoid repeat freeze-thaw cycles.

## Handling

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Storage: 4 °C,-20 °C

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Storage Comment: Long term: -20°C, the use of 50% glycerol is recommended if storing aliquots in -20°C for long term use (up to 1 year)  
Short term (less than 1 week): 4°C. Avoid freeze-thaw cycles.

## Publications

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Product cited in: Ohashi, Burkart, Flohé, Kolb: "Cutting edge: heat shock protein 60 is a putative endogenous ligand of the toll-like receptor-4 complex." in: **Journal of immunology (Baltimore, Md. : 1950)**, Vol. 164, Issue 2, pp. 558-61, (2000) ([PubMed](#)).

Xanthoudakis, Roy, Rasper, Hennessey, Aubin, Cassady, Tawa, Ruel, Rosen, Nicholson: "Hsp60 accelerates the maturation of pro-caspase-3 by upstream activator proteases during apoptosis." in: **The EMBO journal**, Vol. 18, Issue 8, pp. 2049-56, (1999) ([PubMed](#)).

Venner, Singh, Gupta: "Nucleotide sequences and novel structural features of human and Chinese hamster hsp60 (chaperonin) gene families." in: **DNA and cell biology**, Vol. 9, Issue 8, pp. 545-52, (1991) ([PubMed](#)).

## Images

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Image 1.