

Datasheet: VPA00476

**BATCH NUMBER 160712**

<b>Description:</b>	RABBIT ANTI FGFR2
<b>Specificity:</b>	FGFR2
<b>Format:</b>	Purified
<b>Product Type:</b>	PrecisionAb Polyclonal
<b>Isotype:</b>	Polyclonal IgG
<b>Quantity:</b>	100 µl

## Product Details

### Applications

This product has been reported to work in the following applications. This information is derived from testing within our laboratories, peer-reviewed publications or personal communications from the originators. Please refer to references indicated for further information. For general protocol recommendations, please visit [www.bio-rad-antibodies.com/protocols](http://www.bio-rad-antibodies.com/protocols).

	Yes	No	Not Determined	Suggested Dilution
Western Blotting	▪			1/1000

**The PrecisionAb label is reserved for antibodies that meet the defined performance criteria within Bio-Rad's ongoing antibody validation programme. Click [here](#) to learn how we validate our PrecisionAb range.** Where this product has not been tested for use in a particular technique this does not necessarily exclude its use in such procedures. Further optimization may be required dependent on sample type.

<b>Target Species</b>	Human
<b>Product Form</b>	Purified IgG - liquid.
<b>Preparation</b>	Rabbit polyclonal antibody purified by affinity chromatography.
<b>Buffer Solution</b>	Phosphate buffered saline.
<b>Preservative Stabilisers</b>	0.09% Sodium Azide (NaN <sub>3</sub> ) 2% Sucrose.
<b>Immunogen</b>	Synthetic peptide directed towards the C terminal region of human FGFR2
<b>External Database Links</b>	<b>UniProt:</b> <a href="#">P21802</a> <a href="#">Related reagents</a>

**Entrez Gene:**[2263](#) [FGFR2](#) [Related reagents](#)

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**Synonyms** BEK, KGFR, KSAM

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**Specificity** **Rabbit anti Human FGFR2 antibody** recognizes fibroblast growth factor receptor 2 (FGFR2), also known as BEK fibroblast growth factor receptor, keratinocyte growth factor receptor or CD332.

The protein encoded by the FGFR2 gene is a member of the fibroblast growth factor receptor family, where amino acid sequence is highly conserved between members and throughout evolution. FGFR family members differ from one another in their ligand affinities and tissue distribution. A full-length representative protein consists 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 is a high-affinity receptor for acidic, basic and/or keratinocyte growth factor, depending on the isoform. Mutations in FGFR2 are associated with many forms of Craniosynostosis, including Crouzon syndrome ([CS](#)), Pfeiffer syndrome ([PS](#)), Apert syndrome ([APRS](#)), Jackson-Weiss syndrome ([JWS](#)), Beare-Stevenson cutis gyrata syndrome ([BSTVS](#)), Saethre-Chotzen syndrome ([SCS](#)), and Familial scaphocephaly syndrome ([FSPC](#)). Multiple alternatively spliced transcript variants encoding different isoforms have been noted for FGFR2 (provided by RefSeq, Jan 2009).

Rabbit anti Human FGFR2 antibody detects a band of 92 kDa. The antibody has been extensively validated for western blotting using whole cell lysates.

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**Western Blotting** Anti FGFR2 detects a band of approximately 92 kDa in Jurkat cell lysates.

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**Storage** Store undiluted at -20°C, avoiding repeated freeze thaw cycles.

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**Guarantee** 12 months from date of despatch

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**Acknowledgements** PrecisionAb is a trademark of Bio-Rad Laboratories

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**Health And Safety Information** Material Safety Datasheet documentation #10045 available at: <https://www.bio-rad-antibodies.com/SDS/VPA00476>  
Antibody (10045)

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**Regulatory** For research purposes only.

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## Related Products

### Recommended Secondary Antibodies

Goat Anti Rabbit IgG (H/L) (STAR208...) [HRP](#)

**North & South** Tel: +1 800 265 7376

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batch/lot specific datasheet for this product, please use our online search tool at: [bio-rad-antibodies.com/datasheets](https://bio-rad-antibodies.com/datasheets)

'M370803:200529'

**Printed on 19 Jan 2024**

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