Datasheet: VPA00476

BATCH NUMBER 160712

Description:	RABBIT ANTI FGFR2
Specificity:	FGFR2
Format:	Purified
Product Type:	PrecisionAb Polyclonal
Isotype:	Polyclonal IgG
Quantity:	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.

	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.

Target Species

Human

Product Form

Purified IgG - liquid.

Preparation

Rabbit polyclonal antibody purified by affinity chromatography.

Buffer Solution

Phosphate buffered saline.

Preservative Stabilisers

0.09% Sodium Azide (NaN_3)
2% Sucrose.

Immunogen

Synthetic peptide directed towards the C terminal region of human FGFR2

External Database Links

UniProt:

P21802 Related reagents

	Entrez Gene: 2263 FGFR2 Related reagents
Synonyms	BEK, KGFR, KSAM
Specificity	**Rabbit anti Human FGFR2 antibody** recognizes fibroblast growth factor receptor 2 (FGFR2), alos 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.
Western Blotting	Anti FGFR2 detects a band of approximately 92 kDa in Jurkat cell lysates.
Storage	Store undiluted at -20°C, avoiding repeated freeze thaw cycles.
Guarantee	12 months from date of despatch
Acknowledgements	PrecisionAb is a trademark of Bio-Rad Laboratories
Health And Safety Information	Material Safety Datasheet documentation #10045 available at: https://www.bio-rad-antibodies.com/SDS/VPA00476 Antibody (10045)
Regulatory	For research purposes only.

Related Products

Recommended Secondary Antibodies

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

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To find a batch/lot specific datasheet for this product, please use our online search tool at: bio-rad-antibodies.com/datasheets

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