

Datasheet: VPA00313KT

Description:	IGF2BP-1 ANTIBODY WITH CONTROL LYSATE
Specificity:	IGF2BP-1
Format:	Purified
Product Type:	PrecisionAb Polyclonal
Isotype:	Polyclonal IgG
Quantity:	2 Westerns

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

PrecisionAb antibodies have been extensively [validated for the western blot application](#). The antibody has been validated at the suggested dilution. 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 dependant on sample type.

Target Species	Human
Species Cross Reactivity	<p>Reacts with: Mouse</p> <p>N.B. Antibody reactivity and working conditions may vary between species. Cross reactivity is derived from testing within our laboratories, peer-reviewed publications or personal communications from the originators. Please refer to references indicated for further information.</p>
Product Form	Purified IgG - liquid
Preparation	20µl Rabbit polyclonal antibody purified by affinity chromatography
Buffer Solution	Phosphate buffered saline
Preservative Stabilisers	0.09% Sodium Azide (NaN ₃)
Immunogen	KLH-conjugated synthetic peptide corresponding to aa 508-534 of human IGF2BP-1

External Database**Links****UniProt:**[Q9NZI8](#)[Related reagents](#)**Entrez Gene:**[10642](#)

IGF2BP1

[Related reagents](#)

Synonyms

CRDBP, VICKZ1, ZBP1

Specificity

Rabbit anti Human IGF2BP-1 antibody recognizes insulin-like growth factor 2 mRNA-binding protein 1 (IGF2BP-1), also known as IGF-II mRNA-binding protein 1, VICKZ family member 1, coding region determinant-binding protein and zipcode-binding protein 1.

Encoded by the IGF2BP1 gene, insulin-like growth factor 2 mRNA-binding protein 1 contains four K homology domains and two RNA recognition motifs. It functions by binding to the mRNAs of certain genes, including insulin-like growth factor 2, beta-actin and beta-transducin repeat-containing protein, and regulating their translation. Two transcript variants encoding different isoforms have been found for IGF2BP1 (provided by RefSeq, May 2009).

Rabbit anti Human IGF2BP-1 antibody detects a band of 63 kDa. The antibody has been extensively validated for western blotting using whole cell lysates.

Western Blotting

Anti IGF2BP-1 detects a band of approximately 63 kDa in K562 cell lysate

Instructions For Use

Please refer to the [PrecisionAb western blotting protocol](#). For additional information on secondary antibody dilution and exposure time see product web page.

Lysate Composition

400µg K562 lysate lyophilized in RIPA buffer

Lysate Reconstitution

- If using DDT reconstitute the lyophilized lysate with 190µl DI H₂O, add 200µl 2x Laemmli Sample Buffer and 10µl 2M DTT.

- If using BME reconstitute the lyophilized lysate with 180µl DI H₂O, add 200µl 2x Laemmli Sample Buffer and 20µl BME.

Heat at 95°C for 5 minutes. For 10 well mini gels load 25µl. For other gel and comb formats please refer to the PrecisionAb western blotting protocol.

Storage

Antibody: Store undiluted at -20°C, avoiding repeated freeze thaw cycles.

Lysate: Store lyophilized lysate at -20°C. After reconstitution aliquot and store at -20°C for up to 3 months or at -80°C for longer term storage.

Guarantee

As supplied, 12 months from date of despatch

Acknowledgements

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Health And Safety

Material Safety Datasheet documentation #10040 #10561 available at:

Information Antibody (10040): <https://www.bio-rad-antibodies.com/uploads/MSDS/10040.pdf>
Lysate Material (10561): <https://www.bio-rad-antibodies.com/uploads/MSDS/10561.pdf>

Regulatory For research purposes only

Related Products
Recommended Secondary Antibodies

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

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