

Datasheet: VPA00270KT

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| Description: | BMP-9 ANTIBODY WITH CONTROL LYSATE |
| Specificity: | BMP-9 |
| 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.

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| Target Species | Human |
| Product Form | Ig fraction - liquid |
| Preparation | 20µl Rabbit Ig fraction prepared by ammonium sulphate precipitation |
| Buffer Solution | Phosphate buffered saline |
| Preservative Stabilisers | 0.09% Sodium Azide (NaN ₃) |
| Immunogen | KLH-conjugated synthetic peptide corresponding to aa 8-37 of human BMP-9 |
| External Database Links | <p>UniProt:</p> <p>Q9UK05 Related reagents</p> <p>Entrez Gene:</p> |

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| Synonyms | BMP9 |
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| Specificity | <p>Rabbit anti Human BMP-9 antibody recognizes bone morphogenetic protein 9 (BMP-9), also known as GDF-2.</p> <p>BMP-9 is a member of the bone morphogenetic protein (BMP) family and the TGF-beta superfamily. This group of proteins is characterized by a polybasic proteolytic processing site which is cleaved to produce a mature protein containing seven conserved cysteine residues. The members of this family are regulators of cell growth and differentiation in both embryonic and adult tissues. Studies in rodents suggest that this protein plays a role in the adult liver and in differentiation of cholinergic central nervous system neurons (provided by RefSeq, Jul 2008).</p> <p>Rabbit anti Human BMP-9 antibody detects a band of 47 kDa. The antibody has been extensively validated for western blotting using whole cell lysates.</p> |
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| Western Blotting | Anti BMP-9 detects a band of approximately 47 kDa in HeLa cell lysate |
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| 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. |
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| Lysate Composition | 400µg HeLa lysate lyophilized in RIPA buffer |
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| Lysate Reconstitution | <p>- If using DDT reconstitute the lyophilized lysate with 190µl DI H₂O, add 200µl 2x Laemmli Sample Buffer and 10µl 2M DTT.</p> <p>- If using BME reconstitute the lyophilized lysate with 180µl DI H₂O, add 200µl 2x Laemmli Sample Buffer and 20µl BME.</p> <p>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.</p> |
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| Storage | <p>Antibody: Store undiluted at -20°C, avoiding repeated freeze thaw cycles.</p> <p>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.</p> |
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| Guarantee | As supplied, 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 | <p>Material Safety Datasheet documentation #10040 #10561 available at:</p> <p>Antibody (10040): https://www.bio-rad-antibodies.com/uploads/MSDS/10040.pdf</p> <p>Lysate Material (10561): https://www.bio-rad-antibodies.com/uploads/MSDS/10561.pdf</p> |
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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

America Fax: +1 919 878 3751

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