

Datasheet: VPA00031K

Description:	GNB2L1 ANTIBODY WITH CONTROL LYSATE
Specificity:	GNB2L1
Format:	Purified
Product Type:	PrecisionAb™ Polyclonal
Isotype:	Polyclonal IgG
Quantity:	10 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	Reacts with: Mouse, Rat N.B. Antibody reactivity and working conditions may vary between species.
Product Form	Purified IgG - liquid
Preparation	100µl Goat polyclonal antibody by purified ammonium sulfate precipitation followed by antigen affinity chromatography
Buffer Solution	TRIS buffered saline
Preservative	0.02% Sodium Azide (NaN ₃)
Stabilisers	0.5% Bovine Serum Albumin
Immunogen	Peptide sequence C-NTLGVCKYTVQDESH from an internal region of GNB2L1
External Database Links	<p>UniProt: P63244 Related reagents</p> <p>Entrez Gene: 10399 GNB2L1 Related reagents</p>

Specificity **Goat anti Human GNB2L1 antibody** recognizes human guanine nucleotide-binding protein subunit beta-2-like 1 (GNB2L1), also known as cell proliferation-inducing gene 21 protein, human lung cancer oncogene 7 protein, receptor for activated C kinase or RACK1. GNB2L1 is a 317 amino acid member of the WD repeat G protein beta family, containing two [WD](#) repeats. GNB2L1 acts as a substrate for Src protein-tyrosine kinase ([Chang et al. 2002](#)) and as a regulator of signaling pathways ([Sato et al. 2014](#), [Long et al. 2014](#)).

Goat anti Human GNB2L1 antibody recognizes human GNB2L1 as a band of ~35 kDa in multiple human cell lysates by western blotting under reducing conditions. The antibody also cross-reacts with rodent cell line lysates tested.

Western Blotting Anti GNB2L1 antibody detects a band of approximately 35 kDa in HEK293 cell lysates.

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 HEK293 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.

Shelf Life As supplied, 12 months from date of despatch.

Acknowledgements PrecisionAb™ is a trademark of Bio-Rad Laboratories.

Health And Safety Information Material Safety Datasheet Documentation #10058 for antibody available at <https://www.bio-rad-antibodies.com/uploads/MSDS/10058.pdf>
Lysate Material Safety Datasheet Documentation #10561 available at <https://www.bio-rad-antibodies.com/uploads/MSDS/10561.pdf>

Regulatory For research purposes only

Related Products

Recommended Secondary Antibodies

Rabbit Anti Goat IgG (H/L) (5160-2104...)[HRP](#)

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