

AB-NN353-1

TrpV3 Antibody

Pan-specific monoclonal antibody (S15-4) for monitoring the expression of rat TrpV3



KINEXUS

Address: 8755 Ash Street, Suite 1
Vancouver, British Columbia,
Canada V6P 6T3

Email: info@kinexus.ca
Phone: 604-323-2547

Target Protein

Name Long:	Transient receptor potential cation channel subfamily V member 3 (TrpV3)
Alias:	1110036110Rik, MGC124324, MGC124325, Transient receptor potential cation channel subfamily V member 3, TrpV3, Trpv3 heat sensitive channel, TRPV3_HUMAN, Vanilloid receptor 3, Vanilloid receptor like 3, Vanilloid receptor-like 3, vanilloid receptor-related osmotically activated channel protein, VRL 3, VRL-3, VRL3
UniProt ID:	Q4QYD9 - Rat
Human Predicted Mass (KDa):	90.707 (791 AA; Q8NET8-2); 90.636 (790 AA; Q8NET8-1); 87.661 (765 AA; Q8NET8-3)
Observed SDS-PAGE Mass (KDa):	70

Immunogen

Antibody Immunogen Source:	Synthetic peptide amino acids 774-791 (C-terminus) of rat TrpV3
-----------------------------------	---

Production

Antibody Host Species:	Mouse
Antibody Type:	Monoclonal
Antibody Ig Isotype Clone Lot:	197 IgG2a
Antibody Purification:	Protein G purified
Amount:	25 µg
Antibody Concentration:	1 mg/ml
Lot Number:	15DE1
Storage Buffer:	Phosphate buffered saline, pH 7.4, 50% glycerol, 0.09% sodium azide
Storage Conditions and Stability:	For long term storage, keep frozen at -40°C or lower. Stock solution can be kept at +4°C for more than 3 months. Avoid repeated freeze-thaw cycles. For long term storage, keep frozen at -40°C or lower. Stock solution can be kept at +4°C for more than 3 months. Avoid repeated freeze-thaw cycles.

Applications

Product Use:	WB IHC ICC/IF IP
Antibody Dilution Recommended:	WB (1:1000), IHC (1:1000), ICC/IF (1:100); optimal dilutions for assays should be determined by the user.
Antibody Species Reactivity:	Human Mouse Rat
Antibody Positive Control:	1 µg/ml of SMC-319 was sufficient for detection of TrpV3 in 10 µg of COS-1 cell lysate transiently transfected with TrpV3 by colorimetric immunoblot analysis using Goat anti-mouse IgG:HRP as the secondary antibody.
Target Detection Immunoblotting:	Detects a ~70 kDa protein.

This product is for in vitro research use only and is not intended for use in humans or animals.

For more information on our products please visit www.kinexusproducts.ca or contact us at 1-888-546-3987