

AB-NN348-1

Trak2 Antibody

Pan-specific monoclonal antibody (S390-43) for monitoring the expression of human Trak2



KINEXUS

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Target Protein

Name Long:	Trafficking kinesin-binding protein 2
Alias:	Trafficking kinesin-binding protein 2, Amyotrophic lateral sclerosis 2 chromosomal region candidate gene 3 protein, GABA-A receptor-interacting factor 1, O-GlcNAc transferase-interacting protein of 98 kDa, EMBL AAH60681.1, Ensembl ENSMUSP00000027186 MGI 1918077, Als2cr3, Grif1, Oip98, KIAA0549, TRAK2_Human
UniProt ID:	O60296 - Human
Human Predicted Mass (KDa):	101.419 (914 AA; O60296-1); 35.815 (311 AA; O60296-2)
Observed SDS-PAGE Mass (KDa):	100

Immunogen

Antibody Immunogen Source:	Fusion protein amino acids 757-914 (C-terminus) of human TRAK2
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Production

Antibody Host Species:	Mouse
Antibody Type:	Monoclonal
Antibody Ig Isotype Clone Lot:	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, 0.1% 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
Antibody Dilution Recommended:	WB (1:1000); optimal dilutions for assays should be determined by the user.
Antibody Species Reactivity:	Human Rat
Antibody Positive Control:	A 1:100 dilution of SMC-483 was sufficient for detection of Trak2 in 20 µg of mouse brain lysate by ECL immunoblot analysis using Goat anti-mouse IgG:HRP as the secondary antibody.
Target Detection Immunoblotting:	In mouse brain lysates, this antibody detects a ~100 kDa protein.
Antibody Specificity:	Very High
Antibody Cross Reactivities:	Does not cross-react with TRAK1.

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