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PRODUCT DATASHEET

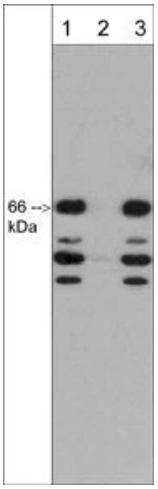
Anti-SCAI (N-terminal region) Antibody

Product Details

Available Variants	100 µL (SKU:SP3841)
Conjugate	Unconjugated
Isotype	IgG
Gene Name	SCAI
Host Species	Rabbit
Format	Antigen Affinity Purified
Physical State	Liquid
Buffer	PBS + 1 mg/ml BSA, 0.05% NaN3 and 50% glycerol
Applications	ELISA, WB
Dilution Ranges	WB: 1:1000
Species Reactivity	Chicken, Human, Mouse, Rat
Immunogen	SCAI synthetic peptide (coupled to KLH) corresponding to amino acid residues in the N-terminal region of mouse SCAI. This peptide sequence is highly conserved in human, rat, mouse, and chicken SCAI.
Specificity	The antibody detects a significant 66 kDa* protein corresponding to the molecular mass of SCAI on SDS-PAGE immunoblots of mouse brain and human A431 cells. In brain, the antibody also detects 53 and 41 kDa bands.
Molecular Weight	66
Quality Control	Western blots performed on each lot.
Storage	Storage at -20°C is recommended, as aliquots may be taken without freeze/thawing due to presence of 50% glycerol. Stable for at least 1 year at -20°C.
UniProt ID	Q8C8N2 UniProt Summary: Tumor suppressor which functions to suppress MRTFA-

	induced SRF transcriptional activity. May function in the RHOA-DIAPH1 signal transduction pathway and regulate cell migration through transcriptional regulation of ITGB1.
Country of Origin	United States
Shipping	Blue Ice
Expiration	After date of receipt, stable for at least 1 year at -20°C.
Usage Statement	For research use only. Not intended for therapeutic or diagnostic use. Use of all products is subject to our terms and conditions, which can be viewed on our website.
NCBI Gene ID	320271

Product Images



Western blot analysis of adult mouse brain. The blot was probed with rabbit polyclonal anti-SCAI (N-terminal region) antibody in the presence (lanes 2) or absence (lane 1) of SCAI (N-terminal region) blocking peptide (SX3845), or unrelated peptide (lane 3).