

AB-NN341-1 SUR2A Antibody

Pan-specific monoclonal antibody (S319A-14) for monitoring the expression of mouse SUR2A



KINEXUS

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Target Protein

Name Long:	ATP-binding cassette sub-family C member 9
Alias:	ABCC9, Sulfonylurea receptor 2, CMD10, ABC37, ATP-binding cassette transporter sub-family C member 9, Sulfonylurea receptor 2A, isoform SUR2A
UniProt ID:	P70170 - Mouse
Human Predicted Mass (KDa):	174.223 (1549 AA; A0A024RAV7-1)
Observed SDS-PAGE Mass (KDa):	120

Immunogen

Antibody Immunogen Source:	Fusion protein amino acids 1505-1546 (SSIVDAGLVLVFSEGLVECDTGPNULLQHKNGLFSTLVMTNK, cytoplasmic C-terminus) of mouse SUR2A
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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, 0.09% 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
Antibody Dilution Recommended:	WB (1:1000); optimal dilutions for assays should be determined by the user.
Antibody Species Reactivity:	Mouse Rat
Antibody Positive Control:	1 µg/ml of SMC-431 was sufficient for detection of SUR2A in 20 µg of mouse brain membrane lysate and assayed by colorimetric immunoblot analysis using goat anti-mouse IgG:HRP as the secondary antibody.
Target Detection Immunoblotting:	In mouse brain lysates, this antibody detects a ~120 kDa protein.
Antibody Specificity:	High
Antibody Cross Reactivities:	Does not cross-react with SUR2B. Also 3 strong cross-reactive proteins in mouse brain lysates.

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