

# AB-NN340-1

## SUR1 Antibody

Pan-specific monoclonal antibody (S289-16) for monitoring the expression of rat SUR1



# KINEXUS

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

Email: [info@kinexus.ca](mailto:info@kinexus.ca)  
Phone: 604-323-2547

### Target Protein

<b>Name Long:</b>	ATP-binding cassette sub-family C member 8
<b>Alias:</b>	AM60008PU-N, ABC36, Abcc8, ATP binding cassette sub family C member 8, HHF1, HRINS, MRP8, PHHI, SUR, SUR1, Sulfonylurea receptor (hyperinsulinemia), ATP binding cassette sub family C (CFTR/MRP) member 8, ATP binding cassette transporter sub family C member 8 (1), ATP-binding cassette sub-family C member 8, Sulfonylurea receptor 1, SUR1delta2, TNDM2
<b>UniProt ID:</b>	Q09429 - Rat
<b>Human Predicted Mass (KDa):</b>	177.079 (1582 AA; Q09428-2); 176.992 (1581 AA; Q09428-1); 5.468 (50 AA; Q09428-3)
<b>Observed SDS-PAGE Mass (KDa):</b>	160

### Immunogen

<b>Antibody Immunogen Source:</b>	Fusion protein amino acids 1548-1582 (cytoplasmic C-terminus) of rat SUR1
-----------------------------------	---

### Production

<b>Antibody Host Species:</b>	Mouse
<b>Antibody Type:</b>	Monoclonal
<b>Antibody Ig Isotype Clone Lot:</b>	IgG1
<b>Antibody Purification:</b>	Protein G purified
<b>Amount:</b>	25 µg
<b>Antibody Concentration:</b>	1 mg/ml
<b>Lot Number:</b>	15DE1
<b>Storage Buffer:</b>	Phosphate buffered saline pH 7.4, 50% glycerol, 0.09% sodium azide
<b>Storage Conditions and Stability:</b>	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

<b>Product Use:</b>	WB   IHC   ICC/IF
<b>Antibody Dilution Recommended:</b>	WB (1:1000), IHC (1:1000), ICC/IF (1:100); optimal dilutions for assays should be determined by the user.
<b>Antibody Species Reactivity:</b>	Mouse   Rat   Hamster
<b>Antibody Positive Control:</b>	1 µg/ml of SMC-409 was sufficient for detection of SUR1 in 20 µg of mouse brain membrane lysate and assayed by colorimetric immunoblot analysis using goat anti-mouse IgG:HRP as the secondary antibody.
<b>Target Detection Immunoblotting:</b>	In mouse brain lysates, this antibody detects a ~160 kDa protein.
<b>Antibody Specificity:</b>	Very High
<b>Antibody Cross Reactivities:</b>	Does not cross-react with SUR2B.

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](http://www.kinexusproducts.ca) or contact us at 1-888-546-3987