

AB-NN244-1 EAAC1 Antibody

Pan-specific monoclonal antibody (S180-41) for monitoring the expression of human EAAC1



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:	Excitatory amino acid transporter 3 (EAAC1)
Alias:	Excitatory amino-acid carrier 1, excitatory amino acid transporter 3, EAAT3, Neuronal and epithelial glutamate transporter, Sodium-dependent glutamate/aspartate transporter 3, solute carrier family 1 member 1 and Slc1a1
UniProt ID:	P43005 - Human
Human Predicted Mass (KDa):	57.100 (524 AA; P43005-1)
Observed SDS-PAGE Mass (KDa):	60

Immunogen

Antibody Immunogen Source:	Fusion protein amino acids 1-524 (full length) of human EAAC1
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Production

Antibody Host Species:	Mouse
Antibody Type:	Monoclonal
Antibody Ig Isotype Clone Lot:	80 IgG1
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 IP
Antibody Dilution Recommended:	WB (1:1000); optimal dilutions for assays should be determined by the user.
Antibody Species Reactivity:	Human Rat
Antibody Positive Control:	5 µg of SMC-406 was sufficient for immunoprecipitation of EAAC1 from 50 µg of rat brain lysate.
Target Detection Immunoblotting:	Detects a ~60 kDa protein.

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

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