

AB-NN371-2

Alpha-2C Adrenergic Receptor Antibody

Pan-specific monoclonal antibody (S330A-80) for monitoring the expression of human Alpha-2C Adrenergic Receptor



KINEXUS

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Target Protein

Name Long:	Alpha-2C adrenergic receptor
Alias:	Adra 2c, Alpha-2CAR, ADRA2C, ADRA2L2, ADRARL2, Alpha 2CAR, alpha2 AR C4, alpha2 C4, alpha2C, ALPHA2CAR, Alpha-2 adrenergic receptor subtype C4, Alpha-2C adrenoreceptor, Adrenergic alpha 2C receptor, Alpha 2C adrenergic receptor, Alpha 2C adrenergic receptor subtype C4, Alpha 2C adrenoreceptor, Alpha 2C adrenoreceptor, Alpha-2-adrenergic receptor
UniProt ID:	P18825 - Human
Human Predicted Mass (KDa):	49.522 (462 AA; P18825-1)
Observed SDS-PAGE Mass (KDa):	50

Immunogen

Antibody Immunogen Source:	Synthetic peptide amino acids 442- 462 (QDFRRSFKHILFRRRRRGFRQ, cytoplasmic C-terminus) of human Alpha-2C adrenergic receptor
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Production

Antibody Host Species:	Mouse
Antibody Type:	Monoclonal
Antibody Ig Isotype Clone Lot:	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 ICC/IF
Antibody Dilution Recommended:	WB (1:1000); optimal dilutions for assays should be determined by the user.
Antibody Species Reactivity:	Human Mouse
Antibody Positive Control:	1 µg/ml of SMC-435 was sufficient for detection of Alpha2C Adrenergic Receptor in 20µg of COS cells transiently transfected with HA-tagged Alpha- 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 50 kDa protein or larger (possibly due to dimerization).
Antibody Specificity:	Very High
Antibody Cross Reactivities:	Does not cross-react with other adrenergic receptors.

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