

Product Datasheet

alpha-2A Adrenergic R/ADRA2A Antibody R-1034-100

Unit Size: 0.1 mg

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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R-1034-100

alpha-2A Adrenergic R/ADRA2A Antibody

Product Information	
Unit Size	0.1 mg
Concentration	LYOPH mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.05mg Sodium Azide
Reconstitution Instructions	Reconstitute with 0.1 ml sterilized distilled water to a final concentration of 1.0 mg/ml. Centrifuge to remove any insoluble material.
Purity	Immunogen affinity purified
Buffer	0.2 mg DiSodium Phosphate, 0.9 mg NaCl and 5 mg BSA

Product Description	
Host	Rabbit
Gene ID	150
Gene Symbol	ADRA2A
Species	Human, Mouse, Rat
Reactivity Notes	Cross reacts with Human, Mouse and Rat.
Specificity/Sensitivity	The specificity of this antibody has been confirmed by WB and IHC against the antigen.
Immunogen	A synthetic peptide (FGYCNSLNPVIYTIFNH) corresponding to amino acids 414-431 from human Adrenergic Receptor alpha 2a. To enhance the immunological response, this peptide was coupled to carrier protein BSA.

Product Application Details	
Applications	Western Blot, Immunohistochemistry
Recommended Dilutions	Western Blot 1.0 ug/ml, Immunohistochemistry 2.0 ug/ml
Application Notes	This antibody is useful in Western Blot Human Adrenergic Receptor alpha 2a has a predicted length of 450 amino acids and MW of 49 kDa. This antibody may also be useful in Immunohistochemistry-paraffin.

Publications

Yang J, Dolinger M, Ritaccio G et al. Leucine Stimulates Insulin Secretion via Down-regulation of Surface Expression of Adrenergic alpha 2A Receptor through the mTOR (Mammalian Target of Rapamycin) Pathway: IMPLICATION IN NEW-ONSET DIABETES IN RENAL TRANSPLANTATION J Biol Chem 2012-07-13 [PMID: 22645144] (WB, Human)





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Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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