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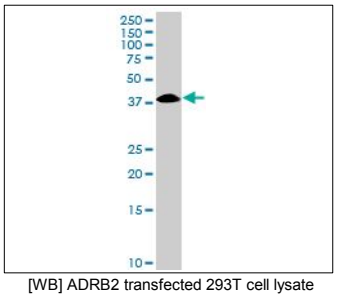
KB484

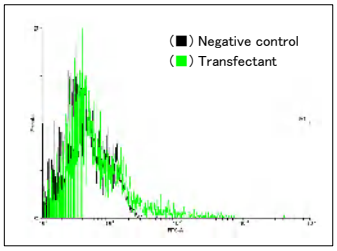
For research use only

Anti Human ADRB2 Polyclonal Antibody

Code No.	KB484
Terget	ADRB2
Category	Neuroscience
Gene ID	154
Primary Source	HGNC:286
Synonyms	BAR; B2AR; ADRBR; ADRB2R; BETA2AR; ADRB2
Type	Polyclonal Antibody
Immunogen	Recombinant protein of full length Human ADRB2
Raised in	Mouse
Myeloma	-
Clone number	-
Purification	Protein A purified
Source	Mouse Serum
Isotype	-
Cross Reactivity	-
Label	Unlabeled
Concentration	0.5 mg/mL
Contents (Volume)	50 µg
Buffer	PBS, pH 7.2
Storage	Store at - 20℃ long term, store at 4℃ short term. Avoid repeated freeze-thaw cycles.
Application	WB,FCM



[WB] ADRB2 transfected 293T cell lysate



[FCM] ADRB2 expressing 293 cells

ELISA	WB	IHC	ICC
-	1.0	-	-
IP	FCM	IF	Neutralization
-	1.0	-	-

(µg/mL)

Reference

1. Chung F.-Z., et al. "Cloning and sequence analysis of the human brain beta-adrenergic receptor. Evolutionary relationship to rodent and avian beta-receptors and porcine muscarinic receptors." FEBS Lett. 211:200-206(1987)
2. Kobilka B.K., et al. "Delineation of the intronless nature of the genes for the human and hamster beta 2-adrenergic receptor and their putative promoter regions." J. Biol. Chem. 262:7321-7327(1987)
3. Schofield P.R., et al. "Primary structure of the human beta-adrenergic receptor gene." Nucleic Acids Res. 15:3636-3636(1987)

UniPlot Summary

//Function: Beta-adrenergic receptors mediate the catecholamine-induced activation of adenylate cyclase through the action of G proteins. The beta-2-adrenergic receptor binds epinephrine with an approximately 30-fold greater affinity than it does norepinephrine.
//Subcellular location: Cell membrane; Multi-pass membrane protein.
//Sequence similarities: Belongs to the G-protein coupled receptor 1 family.

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