

KB485

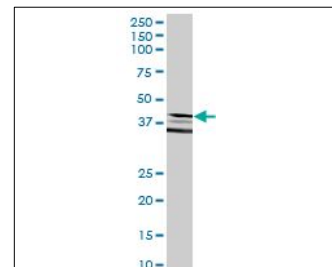
For research use only

Anti Human ADRB3 Polyclonal Antibody

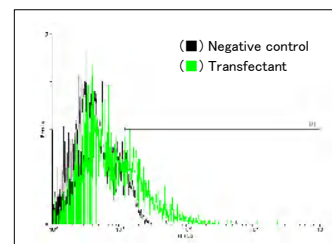
Code No. KB485
Target ADRB3
Category Neuroscience
Gene ID 155
Primary Source HGNC:288
Synonyms BETA3AR; FLJ99960; ADRB3

Type Polyclonal Antibody
Immunogen Recombinant protein of full length Human ADRB3

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



[WB] ADRB3 transfected 293T cell lysate



[FCM] ADRB3 expressing 293 cells

Storage Store at - 20 °C long term, store at 4 °C short term. Avoid repeated freeze-thaw cycles.

Application WB, FCM

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

(µg/mL)

Reference

- Emorine L.J., et al. "Molecular characterization of the human beta 3-adrenergic receptor." *Science* 245:1118-1121(1989)
- van Spronsen A., et al. "The promoter and intron/exon structure of the human and mouse beta 3-adrenergic-receptor genes." *Eur. J. Biochem.* 213:1117-1124(1993)
- Lelias J.M., et al. "Molecular cloning of a human beta 3-adrenergic receptor cDNA." *FEBS Lett.* 324:127-130(1993)

UniPlot Summary

//Function: Beta-adrenergic receptors mediate the catecholamine-induced activation of adenylate cyclase through the action of G proteins. Beta-3 is involved in the regulation of lipolysis and thermogenesis.
//Subcellular location: Cell membrane; Multi-pass membrane protein.
//Tissue specificity: Expressed mainly in adipose tissues.
//Sequence similarities: Belongs to the G-protein coupled receptor 1 family.