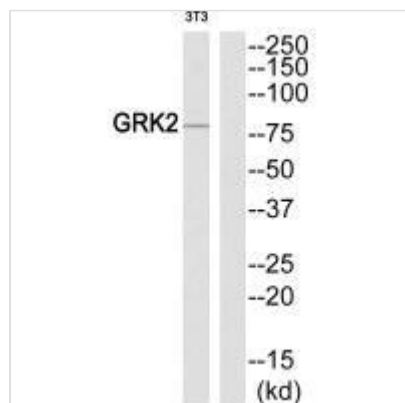




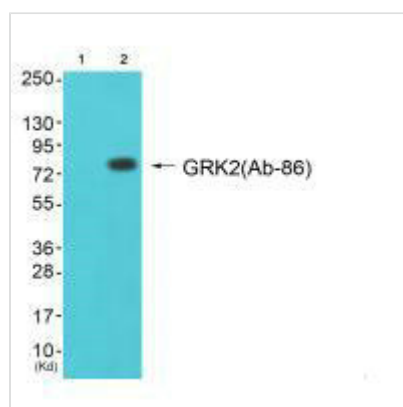
ADRBK1 (Ab-86) Antibody

Product Code	CSB-PA122053
Storage	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.
Uniprot No.	P25098
Immunogen	Synthesized peptide derived from N-terminal of Human ADRBK1.
Raised In	Rabbit
Species Reactivity	Human,Mouse,Rat
Specificity	The antibody detects endogenous levels of total ADRBK1protein.
Tested Applications	ELISA,WB;WB:1:500-1:3000
Relevance	Specifically phosphorylates the agonist-occupied form of the beta-adrenergic and closely related receptors, probably inducing a desensitization of them. Key regulator of LPAR1 signaling. Competes with RALA for binding to LPAR1 thus affecting the signaling properties of the receptor. Desensitizes LPAR1 and LPAR2 in a phosphorylation-independent manner. Benovic J.L., FEBS Lett. 283:122-126(1991). Chuang T.T., J. Biol. Chem. 267:6886-6892(1992). Penn R.B., J. Biol. Chem. 269:14924-14930(1994).
Form	Rabbit IgG in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Purification Method	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Clonality	Polyclonal
Alias	ADRBK1; adrenergic; beta; receptor kinase 1; ARBK1
Product Type	Polyclonal Antibody
Species	Homo sapiens (Human)
Target Names	GRK2

Image



Western blot analysis of extracts from NIH-3T3 cells, using GRK2 (Ab-86) antibody.



Western blot analysis of extracts from cos-7 cells (Lane 2), using GRK2 (Ab-86) antibody. The lane on the left is treated with synthesized peptide.