



ADRBK1 Antibody

Product Code	CSB-PA926227
Storage	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.
Uniprot No.	P25098
Immunogen	Synthesized peptide derived from internal of Human ARBK1.
Raised In	Rabbit
Species Reactivity	Human,Mouse,Rat
Specificity	The antibody detects endogenous levels of total ARBK1 protein.
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. Chuang T.T., J. Biol. Chem. 267:6886-6892(1992). Penn R.B., J. Biol. Chem. 269:14924-14930(1994). Fushman D., J. Biol. Chem. 273:2835-2843(1998).
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; ARBK1; BARK; BARK1; Beta-ARK-1
Product Type	Polyclonal Antibody
Species	Homo sapiens (Human)
Target Names	GRK2