

ADRBK2 Antibody

Catalog No: #32570

Package Size: #32570-1 50ul #32570-2 100ul

Orders: order@signalwayantibody.com

Support: tech@signalwayantibody.com

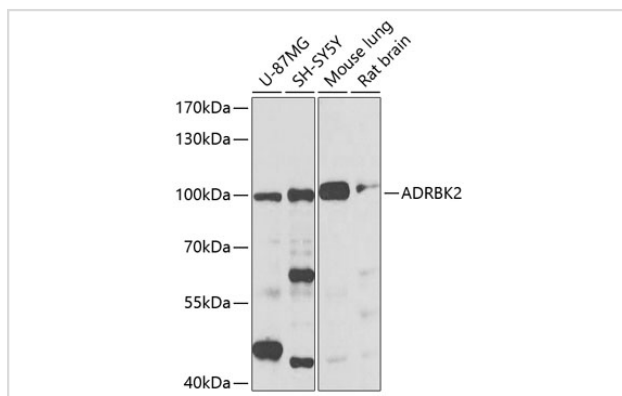
Description

Product Name	ADRBK2 Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antibodies were purified by affinity purification using immunogen.
Applications	WB,IHC
Species Reactivity	Human,Mouse,Rat
Specificity	The antibody detects endogenous level of total ADRBK2 protein.
Immunogen Type	Recombinant Protein
Immunogen Description	Recombinant protein of human ADRBK2.
Target Name	ADRBK2
Other Names	GRK3; BARK2;
Accession No.	Swiss-Prot:P35626NCBI Gene ID:157
Uniprot	P35626
GeneID	157;
SDS-PAGE MW	80KD
Concentration	1.0mg/ml
Formulation	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at -20°C

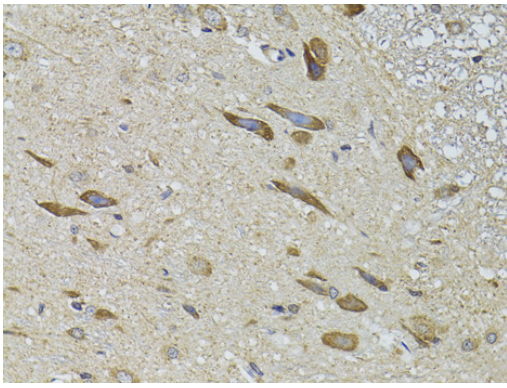
Application Details

WB □ 1:500 - 1:2000 IHC □ 1:50 - 1:200

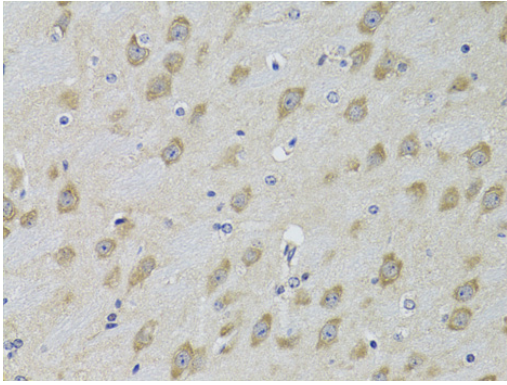
Images



Western blot analysis of extracts of various cell lines, using ADRBK2 at 1:1000 dilution.



Immunohistochemistry of paraffin-embedded rat spinal cord using ADRBK2 at dilution of 1:100 (40x lens).



Immunohistochemistry of paraffin-embedded mouse brain using ADRBK2 at dilution of 1:100 (40x lens).

Background

The beta-adrenergic receptor kinase specifically phosphorylates the agonist-occupied form of the beta-adrenergic and related G protein-coupled receptors. Overall, the beta adrenergic receptor kinase 2 has 85% amino acid similarity with beta adrenergic receptor kinase 1, with the protein kinase catalytic domain having 95% similarity. These data suggest the existence of a family of receptor kinases which may serve broadly to regulate receptor function.

Note: This product is for in vitro research use only