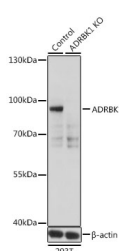


## (KO Validated) ADRBK1 Polyclonal Antibody

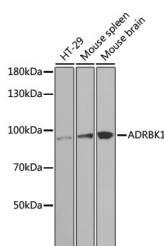
<b>Catalog No.</b>	E-AB-60399	<b>Reactivity</b>	H,M,R
<b>Storage</b>	Store at -20°C. Avoid freeze / thaw cycles.	<b>Host</b>	Rabbit
<b>Applications</b>	WB,IHC	<b>Isotype</b>	IgG

**Note:** Centrifuge before opening to ensure complete recovery of vial contents.

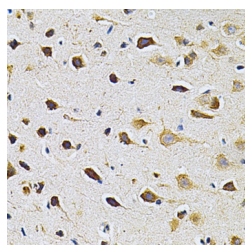
### Images



Western blot analysis of extracts from normal (control) and ADRBK1 knockout (KO) 293T cells using ADRBK1 Polyclonal Antibody at dilution of 1:500.



Western blot analysis of extracts of various cell lines using ADRBK1 Polyclonal Antibody at dilution of 1:1000.



Immunohistochemistry of paraffin-embedded Rat brain using ADRBK1 Polyclonal Antibody at dilution of 1:200 (40x lens).

### Immunogen Information

<b>Immunogen</b>	Recombinant fusion protein of human ADRBK1 (NP_001610.2).
<b>GeneID</b>	156
<b>Swissprot</b>	P25098
<b>Synonyms</b>	GRK2,ADRBK1,BARK1,BETA-ARK1

### Product Information

<b>Calculated MW</b>	79kDa
<b>Observed MW</b>	80kDa
<b>Buffer</b>	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
<b>Purify</b>	Affinity purification
<b>Dilution</b>	WB 1:500-1:2000 IHC 1:50-1:200

### Background

The product of this gene phosphorylates the beta-2-adrenergic receptor and appears to mediate agonist-specific desensitization observed at high agonist concentrations. This protein is an ubiquitous cytosolic enzyme that specifically phosphorylates the activated form of the beta-adrenergic and related G-protein-coupled receptors. Abnormal coupling of beta-adrenergic receptor to G protein is involved in the pathogenesis of the failing heart.

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Applications:WB-Western Blot IHC-Immunohistochemistry IF-Immunofluorescence IP-Immunoprecipitation FC-Flow cytometry ChIP-Chromatin Immunoprecipitation Reactivity: H-Human R-Rat M-Mouse Mk-Monkey Dg-Dog Ch-Chicken Hm-Hamster Rb-Rabbit Sh-Sheep Pg-Pig Z-Zebrafish X-Xenopus C-Cow.