

Rabbit GRK2 Monoclonal Antibody | anti-GRK2 antibody

GRK2 Antibody

CATALOG # AAA312239	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunohistochemistry, Western Blot
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PRODUCT SYNONYMS

GRK2; Monoclonal Antibody; GRK2 Antibody; ADRBK1 antibody; Adrenergic beta receptor kinase 1 antibody; ARBK1_HUMAN antibody; BARK antibody; BARK1 antibody; Beta adrenergic receptor kinase 1 antibody; Beta ARK 1 antibody; Beta ARK1 antibody; Beta-adrenergic receptor kinase 1 antibody; Beta-ARK-1 antibody; FLJ16718 antibody; G protein coupled receptor kinase 2 antibody; G-protein coupled receptor kinase 2 antibody; GRK2 antibody; anti-GRK2 antibody

PRODUCT SPECIFICATIONS

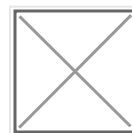
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Monoclonal
Clone Number	ST05-60
Purity/Purification	ProA affinity purified
Form/Format	1*TBS (pH7.4), 1% BSA, 40% Glycerol. Preservative: 0.05% Sodium Azide.
Applicable Applications for anti-GRK2 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Antibody Type	Recombinant Antibody
Immunogen	Recombinant protein
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C.

IMAGES



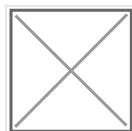
IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded mouse spleen tissue using anti-GRK2 antibody. Counter stained with hematoxylin.



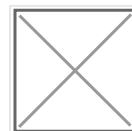
IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded mouse brain tissue using anti-GRK2 antibody. Counter stained with hematoxylin.



IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded human spleen tissue using anti-GRK2 antibody. Counter stained with hematoxylin.



IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded human tonsil tissue using anti-GRK2 antibody. Counter stained with hematoxylin.



WB (Western Blot)

Western blot analysis of GRK2 on Hela cell lysates using anti-GRK2 antibody at 1/1, 000 dilution.

ADDITIONAL INFORMATION

Related Product Information for anti-GRK2 antibody	Heterotrimeric G protein-mediated signal transduction is a dynamically regulated process with the intensity of signal decreasing over time despite the continued presence of the agonist. This phenomenon, referred to as agonist-mediated desensitization, involves phosphorylation of the receptor by two classes of enzymes. The first class is comprised of the second messenger-regulated kinases, such as c-AMP dependent protein kinase A and protein kinase C. The second class includes the G protein-coupled receptor kinases (GRKs). At least seven members of the GRK family have been identified. These include rhodopsin kinase (GRK 1), two forms of beta-adrenergic receptor kinase: GRK 2 (betaARK, betaARK1) and GRK 3 (betaARK2), IT-11 (GRK 4), GRK 5, GRK 6 and GRK 7. Phosphorylation of receptors by GRKs appears to be strictly dependent on the receptor being in its agonist-activated state.
Product Categories/Family for anti-GRK2 antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	148539876
NCBI GeneID	156
NCBI Accession #	NP_001610.2
NCBI GenBank Nucleotide #	NM_001619.3
UniProt Accession #	P25098; Q13837; Q6GTT3; B0ZBE1
Molecular Weight	79,574 Da
NCBI Official Full Name	beta-adrenergic receptor kinase 1
NCBI Official Synonym Full Names	adrenergic, beta, receptor kinase 1
NCBI Official Symbol	ADRBK1
NCBI Official Synonym Symbols	GRK2; BARK1; BETA-ARK1
NCBI Protein Information	beta-adrenergic receptor kinase 1; beta-ARK-1; G-protein coupled receptor kinase 2
UniProt Protein Name	Beta-adrenergic receptor kinase 1
UniProt Gene Name	ADRBK1
UniProt Synonym Gene Names	BARK; BARK1; GRK2; Beta-ARK-1
UniProt Entry Name	ARBK1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/grk2-antibody-clone-st05-60-immunohistochemistry-western-blot-elisa/312239>