

Rabbit GRK3 Polyclonal Antibody | anti-GRK3 antibody

GRK3 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA323870	Rabbit	Human, Mouse, Rat	ELISA, Immunocytochemistry, Immunofluorescence, Western Blot

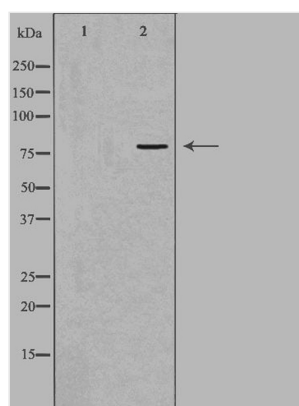
PRODUCT SYNONYMS

GRK3; Polyclonal Antibody; GRK3 Antibody; ADRBK2; Adrenergic; beta; receptor kinase 2; ARBK2_HUMAN; BARK2; Beta adrenergic receptor kinase 2; Beta ARK 2; Beta-adrenergic receptor kinase 2; Beta-ARK-2; EC 2.7.11.15; G protein coupled receptor kinase 3; G-protein-coupled receptor kinase 3; anti-GRK3 antibody

PRODUCT SPECIFICATIONS

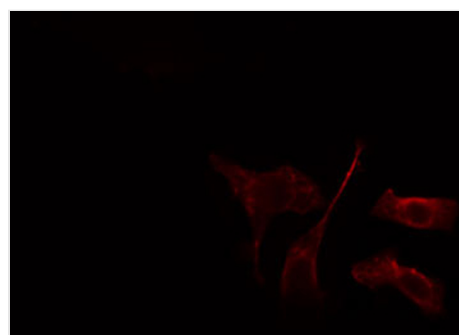
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	Rabbit IgG
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink™ Coupling Resin.
Form/Format	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	~1mg/ml (varies by lot)
Applicable Applications for anti-GRK3 antibody	ELISA, ICC (Immunocytochemistry), IF (Immunofluorescence), WB (Western Blot)
Immunogen	A synthesized peptide derived from human GRK3, corresponding to a region within the internal amino acids.
Important	For western blot, incubate membrane with diluted primary Ab in 5% w/v milk , 1X TBS, 0.1% Tween®20 at 4°C with gentle shaking, overnight.
Preparation and Storage	Store at -20 °C. Stable for 12 months from date of receipt.

IMAGES



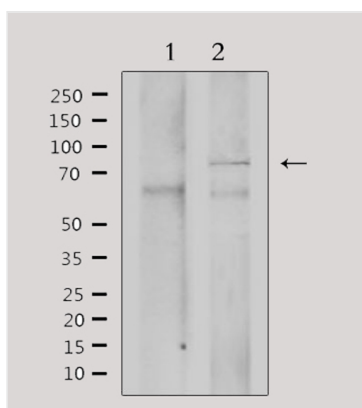
WB (Western Blot)

Western blot analysis of extracts from HepG2 cells using GRK3 antibody. The lane on the left is treated with the antigen-specific peptide.



IF (Immunofluorescence)

AAA323870 staining HepG2 cells by IF/ICC. The sample were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25 degree C. The primary antibody was diluted at 1/200 and incubated with the sample for 1 hour at 37 degree C. An Alexa Fluor 594 conjugated goat anti-rabbit IgG (H+L) antibody, diluted at 1/600, was used as secondary antibody.



WB (Western Blot)

Western blot analysis of extracts from mouse brain, using GRK3 Antibody. Lane 1 was treated with the antigen-specific peptide.

ADDITIONAL INFORMATION

Related Product Information for anti-GRK3 antibody

Function: Specifically phosphorylates the agonist-occupied form of the beta-adrenergic and closely related receptors.

Post-translational Modifications: Ubiquitinated.

Similarity: Belongs to the protein kinase superfamily. AGC Ser/Thr protein kinase family. GPRK subfamily.

NCBI AND UNIPROT INFORMATION

NCBI GI #	148539879
NCBI GeneID	157
NCBI Accession #	NP_005151.2
NCBI GenBank Nucleotide #	NM_005160.3
UniProt Accession #	P35626; Q9UGW9
Molecular Weight	80 KD
NCBI Official Full Name	beta-adrenergic receptor kinase 2
NCBI Official Synonym Full Names	G protein-coupled receptor kinase 3
NCBI Official Symbol	GRK3
NCBI Official Synonym Symbols	BARK2; ADRBK2
NCBI Protein Information	beta-adrenergic receptor kinase 2
UniProt Protein Name	Beta-adrenergic receptor kinase 2
UniProt Gene Name	GRK3
UniProt Synonym Gene Names	ADRBK2; BARK2; Beta-ARK-2

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/polyclonal/grk3-antibody-immunocytochemistry-immunofluorescence-western-blot-elisa/323870>