

Anti-GRK2 antibody (440-689) (STJ22534)
STJ22534

GENERAL INFORMATION

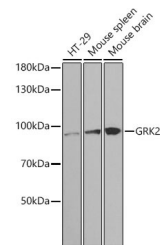
Product Type	Primary antibodies
Short Description	
Applications	WB/IHC-P/ELISA
Host/Source	Rabbit
Reactivity	Human/Mouse/Rat

PRODUCT PROPERTIES

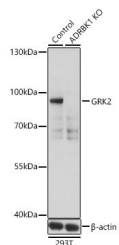
Clonality	Polyclonal
Clone ID	
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution Range	WB: 1:500-1:2000 IHC-P: 1:50-1:200 ELISA: Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.
Formulation	PBS with 0.02% Sodium Azide, 50% Glycerol, pH 7.3.
Isotype	IgG
Storage Instruction	Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

TARGET INFORMATION

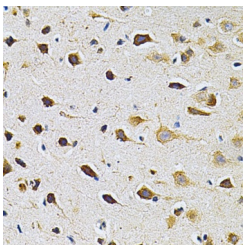
Gene ID	156
Gene Symbol	GRK2
Uniprot ID	ARBK1_HUMAN
Immunogen	
Immunogen Region	440-689
Specificity	Recombinant fusion protein containing a sequence corresponding to amino acids 440-689 of human GRK2 (NP_001610.2).
Immunogen Sequence	LGRGAQEVKESPFRRSLDWQ MVFLQKYPPPLIPRGEVNA ADAFDIGSFDEEDTKGIKLL DSDQELYRNFPLTISERWQQ EVAETVFDINAETDRLEAR KKAKNKQLGHEEDYALGKDC IMHGYMSKMGNPFLTQWQRR YFYLFPNRLEWRGEGEAPQS LLTMEIQSVEETQIKERKC LLLKIRGGKQFILQCDSDPE LVQWKELRDAYREAQQLVQ RVPKMKNKPRSPVVELSKV



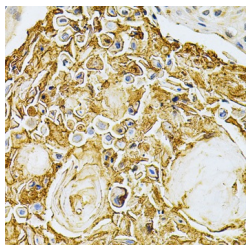
Western blot analysis of extracts of various cell lines, using GRK2 antibody (STJ22534) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-rabbit IgG (H+L) (STJ5000856) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3% non-fat dry milk in TBST.



Western blot analysis of extracts from normal (control) and GRK2 knockout (KO) 293T cells, using GRK2 antibody (STJ22534) at 1:500 dilution. Secondary antibody: HRP Goat Anti-rabbit IgG (H+L) (STJ5000856) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3% non-fat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 1s.



Immunohistochemistry analysis of paraffin-embedded rat brain using GRK2 Antibody (STJ22534) at dilution of 1:200 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with immunohistochemistry staining protocol.



Immunohistochemistry analysis of paraffin-embedded human esophageal cancer using GRK2 Antibody (STJ22534) at dilution of 1:200 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with immunohistochemistry staining protocol.

This product is suitable for in-vitro studies under the RESEARCH USE ONLY [RUO] licence. This product must not be used as for diagnostic or other medical purposes.
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