

CAB4443

Product Information

Product SKU:	CAB4443	Gene ID:	156	Size:	20uL, 100uL
Clone No:	ARC1013	Host Species:	Rabbit	Reactivity:	Human,Mouse,Rat

Additional Information

Observed MW:	80kDa	Conjugate:	Unconjugated
Calculated MW:	80kDa	Isotype:	IgG

Immunogen Information

Background: This gene encodes a member of the G protein-coupled receptor kinase family of proteins. The encoded protein phosphorylates the beta-adrenergic receptor as well as a wide range of other substrates including non-GPCR cell surface receptors, and cytoskeletal, mitochondrial, and transcription factor proteins. Data from rodent models supports a role for this gene in embryonic development, heart function and metabolism. Elevated expression of this gene has been observed in human patients with heart failure and Alzheimer's disease.

Recommended Dilution: WB,1:500 - 1:1000 IF/ICC,1:50 - 1:200

Synonyms: BARK1; ADRBK1; BETA-ARK1; K2

Purification Method: Affinity purification

Immunogen: A synthetic peptide corresponding to a sequence within amino acids 590-689 of human GRK2 (P25098).

Storage: Store at -20°C. Avoid freeze / thaw cycles.Buffer: PBS with 0.02% sodium azide,0.05% BSA,50% glycerol,pH7.3.