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Research Use Only. Not for diagnostic or therapeutic use.

EB07766 - Goat Anti-Kcnj11 / Kir6.2 Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: KCNJ11, Kir6.2, potassium inwardly-rectifying channel, subfamily J, member 11, mBIR, Al842722, AW491124, potassium inwardly rectifying channel,

subfamily J, member 11, KATP, KATP channel

Official Symbol: Kcnj11

Accession Number(s): NP_034732.1

Human GeneID(s): 3767

Non-Human GenelD(s): 16514 (mouse), 83535 (rat)

Immunogen

Peptide with sequence ERRARFVSKKGNC, from the internal region (near the N Terminus) of the protein sequence according to NP_034732.1.

Please note the peptide is available for sale.

Purification and Storage

Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.

Aliquot and store at -20°C. Minimize freezing and thawing.

Applications Tested

Peptide ELISA: antibody detection limit dilution 1:64000.

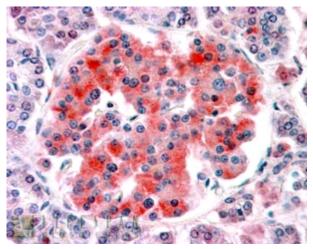
Western blot: Approx 45kDa band observed in Human Skeletal Muscle lysates (calculated MW of 43.6kDa according to NP_034732.1). Recommended concentration: 0.01-0.03µg/ml.

IHC: In paraffin embedded Human Pancreas shows variable staining across the islet of Langerhans. Recommended concentration, 3-5µg/ml.

Species Reactivity

Tested: Human

Expected from sequence similarity: Human, Mouse, Rat, Dog



 $\label{eq:energy} EB07766~(3.8\mu g/ml)~staining~of~paraffin~embedded~Human~Pancreas.~Steamed~antigen~retrieval~with~citrate~buffer~pH~6,~AP-staining.$



 $EB07766~(0.01\mu g/ml)~staining~of~Human~Muscle~lysate~(35\mu g~protein~in~RIPA~buffer).~Primary~incubation~was~1~hour.~Detected~by~chemiluminescence.$