

#### **UK Office**

### **Everest Biotech Ltd**

Cherwell Innovation Centre 77 Heyford Park Upper Heyford Oxfordshire OX25 5HD

UK

**Enquiries:** 

info@everestbiotech.com

Sales:

sales@everestbiotech.com

Tech support:

support@everestbiotech.com

Tel: +44 (0)1869 238326

www.everestbiotech.com

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# 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.

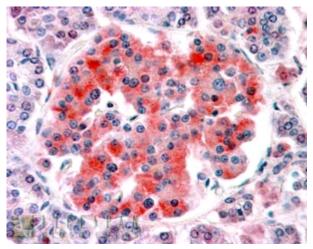
**Western blot:** Approx 45kDa band observed in Human Skeletal Muscle lysates (calculated MW of 43.6kDa according to NP\_034732.1). Recommended concentration: 0.01-0.03µg/ml.

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



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



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