

## UK Office

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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, AI842722, 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 GeneID(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.

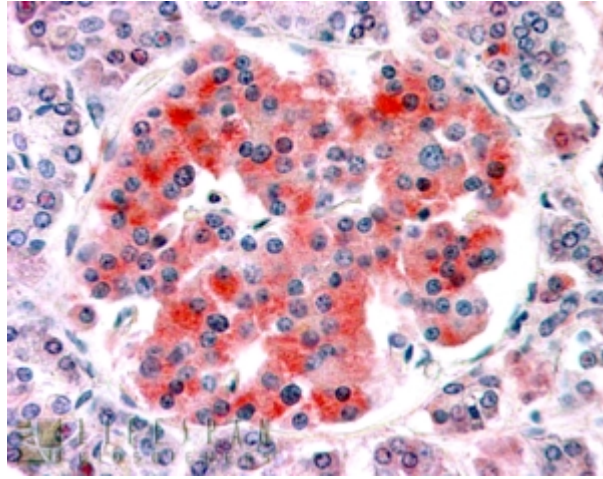
**Western blot:** Approx 45kDa band observed in Human Skeletal Muscle lysates (calculated MW of 43.6kDa according to NP\_034732.1). Recommended concentration: 0.01-0.03µg/ml.

**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



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.