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**Research Use Only. Not for
diagnostic or therapeutic use.**

EB10034 - Goat Anti-POU4F3 Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: BRN3C, DFNA15, MGC138412, POU class 4 homeobox 3, POU domain, class 4, transcription factor 3, POU4F3

Official Symbol: POU4F3

Accession Number(s): NP_002691.1

Human GeneID(s): [5459](#)

Important Comments: This antibody is expected not to cross-react to the similar POU4F1 and POU4F2.

Immunogen

Peptide with sequence C-EAAYREKNSKPE, from the internal region of the protein sequence according to NP_002691.1.

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

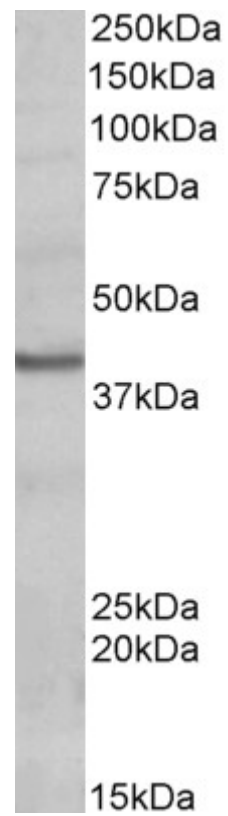
Peptide ELISA: antibody detection limit dilution 1:8000.

Western blot: Approx 40kDa band observed in Human and Mouse Heart lysates (calculated MW of 37.1kDa according to Human NP_002691.1). Recommended concentration: 0.2-0.6µg/ml.

Species Reactivity

Tested: Human, Mouse

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



EB10034 (0.2µg/ml) staining of Human Heart lysate (35µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.