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

EB06324 - Goat Anti-VDAC2 (C Terminus) Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: VDAC2, voltage-dependent anion channel 2, RP11-375G3.1, FLJ23841

Official Symbol: VDAC2

Accession Number(s): NP_003366.2

Human GeneID(s): [7417](#)

Immunogen

Peptide with sequence C-GHKVGLALELEA, from the C Terminus of the protein sequence according to NP_003366.2.

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 35kDa band observed in Human Cerebellum and in lysates of cell lines CaCo-2 and LNCaP (calculated MW of 31.6kDa according to Human NP_003366.2). Recommended concentration: 0.3-1µg/ml. Primary incubation 1 hour at room temperature.

IHC: Paraffin embedded Rat Liver. Recommended concentration: 5-6µg/ml.

Species Reactivity

Tested: Human, Rat

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

EB06324 (0.3µg/ml) staining of Human Cerebellum lysate (35µg protein in RIPA buffer). Detected by chemiluminescence.

EB06324 (1ug/ml) staining of CaCo-2 (A) and (0.5ug/ml) LNCaP (B) cell lysate (35µg protein in RIPA buffer). Detected by chemiluminescence.

EB06324 (6µg/ml) staining of paraffin embedded Rat Liver. Heat induced antigen retrieval with citrate buffer pH 6, HRP-staining.

EB06324 Negative Control showing staining of paraffin embedded Rat Liver, with no primary antibody.