



## UK Office

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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.

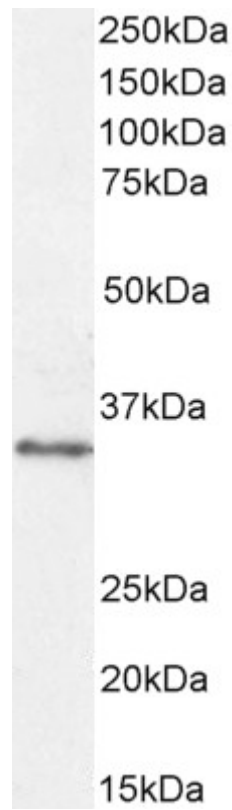
**Western blot:** Approx 35kDa band observed in Human Cerebellum and in lysates of cell lines CaCo-2 and LNCaP (calculated MW of 31.6kDa according to Human NP\_003366.2). Recommended concentration: 0.3-1µg/ml. Primary incubation 1 hour at room temperature.

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

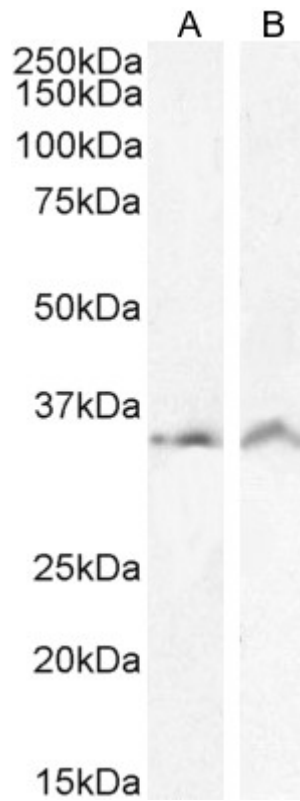
### Species Reactivity

**Tested:** Human, Rat

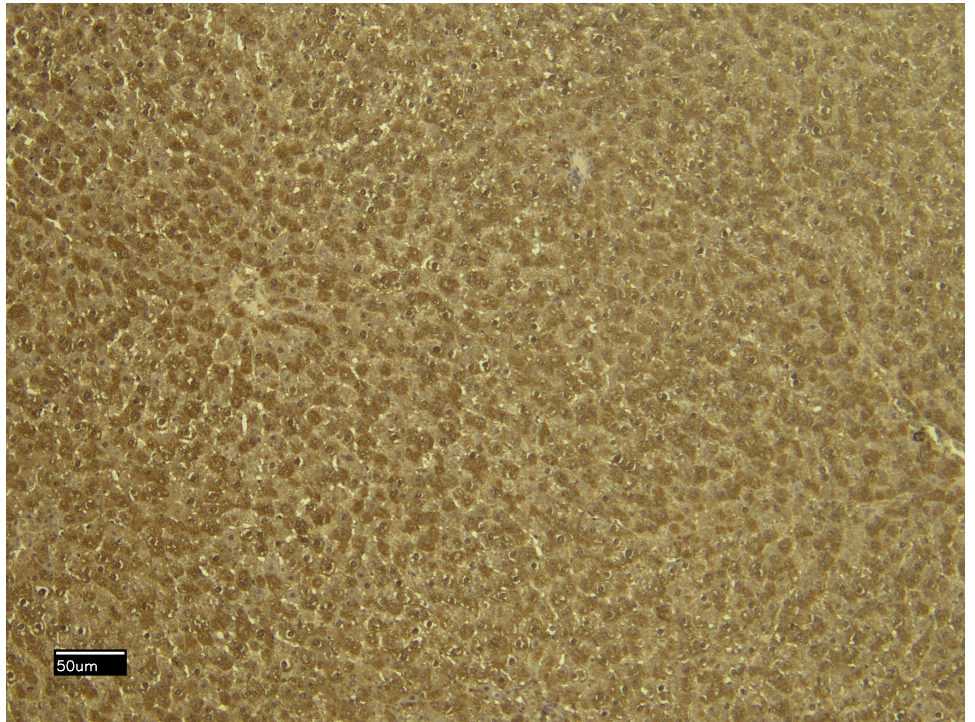
**Expected from sequence similarity:** Human, Mouse, Rat, Dog, Pig, Cow



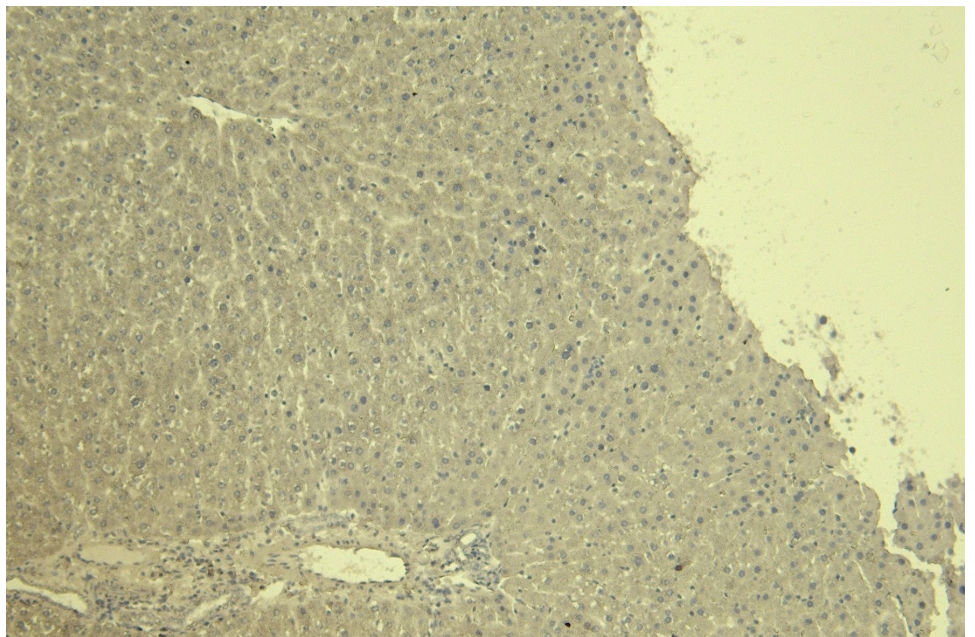
EB06324 (0.3 $\mu$ g/ml) staining of Human Cerebellum lysate (35 $\mu$ g protein in RIPA buffer). Detected by chemiluminescence.



EB06324 (1 $\mu$ g/ml) staining of CaCo-2 (A) and (0.5 $\mu$ g/ml) LNCaP (B) cell lysate (35 $\mu$ g 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.