



## UK Office

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

## EB09836 - Goat Anti-PON2 Antibody

Size: 100µg specific antibody in 200µl



### Target Protein

**Principal Names:** A-esterase 2, aromatic esterase 2, paraoxonase 2, paraoxonase nirs, serum arylalkylphosphatase 2, serum paraoxonase/arylesterase 2, PON2

**Official Symbol:** PON2

**Accession Number(s):** NP\_000296.2; NP\_001018171.1

**Human GeneID(s):** [5445](#)

**Non-Human GeneID(s):** 330260 (mouse), 296851 (rat)

**Important Comments:** This antibody is expected to recognize isoforms 1 and 2 (NP\_000296.2; NP\_001018171.1).

### Immunogen

Peptide with sequence C-ERLLALRNRLKAS, from the internal region of the protein sequence according to NP\_000296.2; NP\_001018171.1.

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

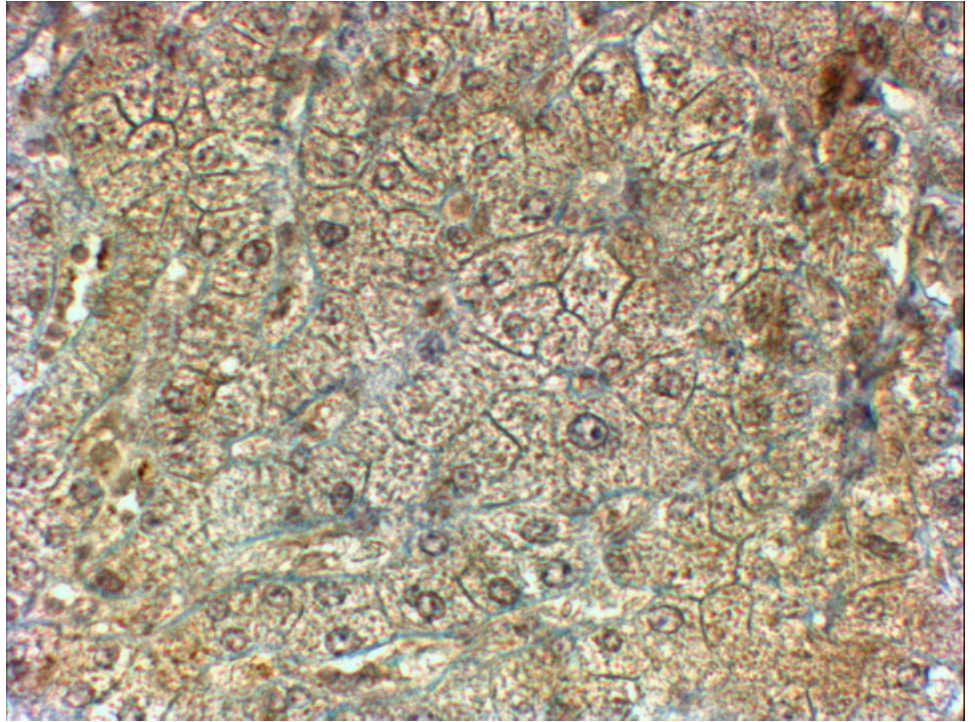
**Peptide ELISA:** antibody detection limit dilution 1:4000.

**IHC:** In paraffin embedded Human Liver shows membranous staining surrounding the hepatocytes and some background. Recommended concentration, 2-4µg/ml.

### Species Reactivity

**Tested:** Human

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



EB09836 (2µg/ml) staining of paraffin embedded Human Liver. Steamed antigen retrieval with citrate buffer pH 6, HRP-staining.