

## Goat anti-PON2 Antibody

<b>Item Number</b>	dAP-3219
<b>Target Molecule</b>	Principle Name: PON2; Official Symbol: PON2; All Names and Symbols: PON2; paraoxonase 2; A-esterase 2; aromatic esterase 2; paraoxonase nirs; serum arylalkylphosphatase 2; serum paraoxonase/arylesterase 2; Accession Number (s): NP_000296.2; NP_001018171.1; Human Gene ID(s): 5445; Non-Human GeneID(s): 330260 (mouse) 296851 (rat)
<b>Immunogen</b>	ERLLALRNRLKAS, is from internal region This antibody is expected to recognize isoforms 1 and 2 (NP_000296.2; NP_001018171.1).
<b>Applications</b>	Pep ELISA, IHC  Species Tested: Human
<b>Purification</b>	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
<b>Supplied As</b>	lyophilized powder of 50ug or 100ug IgG; Reconstitute IgG with 100ul or 200ul sterile DI Water and final product will be formulated as 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.
<b>Peptide ELISA</b>	Peptide ELISA: antibody detection limit dilution 1 to 4000.
<b>Western Blot</b>	
<b>IHC</b>	Immunohistochemistry: In paraffin embedded Human Liver shows membranous staining surrounding the hepatocytes and some background. Recommended concentration, 2-4µg/ml.

**Reference**      Reference(s): Shin BS, Paraoxonase gene polymorphism in south-western Korean population. Journal of Korean medical science 2009 Aug 24 (4): 561-6..PMID: 19654933->

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**