

Goat anti-PON2 Antibody

Item Number	dAP-2065
Target Molecule	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 GenID(s): 296851 (rat)
Immunogen	EKPRARELRIS, is from internal region This antibody is expected to recognize isoforms 1 and 2 (NP_000296.2; NP_001018171.1).
Applications	Pep ELISA, WB, IHC Species Tested: Human
Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Supplied As	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.
Peptide ELISA	Peptide ELISA: antibody detection limit dilution 1 to 32000.
Western Blot	Western Blot: Approx 40kDa double band observed in lysates of HepG2 (calculated MW of 39.4kDa according to NP_000296.2 and of 38.0kDa according to NP_001018171.1). Recommended concentration: 0.2-0.6µg/ml. Primary incubation was 1 hour. An additional band
IHC	Immunohistochemistry: Paraffin embedded Human Placenta. Recommended concentration: 3.75µg/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 end users! This product is sold for **Research Use Only**