

## Goat anti-PXR / NR1I2 Antibody

<b>Item Number</b>	dAP-1722
<b>Target Molecule</b>	Principle Name: PXR / NR1I2; Official Symbol: NR1I2; All Names and Symbols: PXR; NR1I2; nuclear receptor subfamily 1, group I, member 2; BXR; ONR1; PAR; PAR1; PAR2; PARq; PRR; SAR; SXR; orphan nuclear receptor; pregnane X receptor; steroid and xenobiotic receptor; Accession Number (s): NP_003880.3; NP_071285.1; NP_148934.1; Human Gene ID(s): 8856; Non-Human GeneID(s):
<b>Immunogen</b>	EQFAITLKSYIECNR, is from internal region This antibody is expected to recognize all reported isoforms (NP_071285.1; NP_148934.1; NP_003880.3).
<b>Applications</b>	Pep ELISA, WB, 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>	Western Blot: Approx. 48kDa band observed in lysates of cell line HepG2 (calculated MW of 49.8kDa according to NP_003880.3). Recommended concentration: 1-3µg/ml. An additional band of unknown identity was also consistently observed at 35kDa. This band wa
<b>IHC</b>	Immunohistochemistry: Paraffin embedded Human Small Intestine. Recommended concentration: 3.75µg/ml.
<b>Reference</b>	Reference(s): Thakur JK, Arthanari H, Yang F, Pan SJ, Fan X, Breger J, Frueh DP, Gulshan K, Li DK, Mylonakis E, Struhl K, Moye-Rowley WS, Cormack BP, Wagner G, Näär AM. A nuclear receptor-like pathway regulating multidrug resistance in fungi. <i>Nature</i> 2008 Apr 452 (7187): 604-9.. PMID: 18385733->

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**