

## Goat anti-LGP2 Antibody

<b>Item Number</b>	dAP-1438
<b>Target Molecule</b>	Principle Name: LGP2; Official Symbol: DHX58 ; All Names and Symbols: DHX58; LGP2; DEXH (Asp-Glu-X-His) box polypeptide 58 ; D11LGP2 ; D11lgp2e ; LGP2; RNA helicase LGP2 ; ortholog of mouse D11lgp2; Accession Number (s): NP_077024.2; Human Gene ID(s): 79132; Non-Human GeneID(s):
<b>Immunogen</b>	DFLQHCAENLSD, is from C Terminus
<b>Applications</b>	Pep ELISA, WB 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 8000.
<b>Western Blot</b>	Western Blot: Approx 80kDa band observed in Human Liver lysates (calculated MW of 76.6kDa according to NP_077024.2). Recommended concentration: 0.3-1µg/ml. An additional band of unknown identity was also consistently observed at 24kDa. This band was suc
<b>IHC</b>	
<b>Reference</b>	Reference(s): Saito T, Hirai R, Loo YM, Owen D, Johnson CL, Sinha SC, Akira S, Fujita T, Gale M Jr. Regulation of innate antiviral defenses through a shared repressor domain in RIG-I and LGP2. Proc Natl Acad Sci U S A. 2007 Jan 9;104(2):582-7. Epub 2006 Dec 26..PMID: 17190814 ->

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**