

Goat anti-periostin Antibody

Item Number	dAP-2935
Target Molecule	Principle Name: periostin; Official Symbol: POSTN; All Names and Symbols: POSTN; periostin, osteoblast specific factor; MGC119510; MGC119511; OSF-2; OSF2; PDLPOSTN; PN; RP11-412K4.1; periostin; OTTHUMP00000018268; OTTHUMP00000018269; OTTHUMP00000018270; OTTHUMP00000018271; osteoblast specific factor 2 (fascin I-like); osteob; Accession Number (s): NP_006466.2; NP_001129406.1; NP_001129407.1; NP_001129408.1; Human Gene ID(s): 10631; Non-Human GeneID(s):
Immunogen	RKLQANKKVQGSRR, is from C Terminus This antibody is expected to recognize all reported isoforms (NP_006466.2; NP_001129406.1; NP_001129407.1; NP_001129408.1).
Applications	Pep ELISA, WB 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 16000.
Western Blot	Western Blot: Approx 100kDa band observed in lysates of cell line MCF7 (calculated MW of 93.3kDa according to NP_006466.2). Recommended concentration: 1-3µg/ml.
IHC	
Reference	Reference(s): Sen K, Lindenmeyer MT, Gaspert A, Eichinger F, Neusser MA, Kretzler M, Segerer S, Cohen CD. Periostin is induced in glomerular injury and expressed de novo in interstitial renal fibrosis. Am J Pathol. 2011 Oct;179(4):1756-67..PMID: 21854746->

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**