

## Goat anti-IMP1 / ZBP1 Antibody

<b>Item Number</b>	dAP-2157
<b>Target Molecule</b>	Principle Name: IMP1 / ZBP1; Official Symbol: IGF2BP1; All Names and Symbols: IGF2BP1; insulin-like growth factor 2 mRNA binding protein 1; CRD-BP; CRDBP; IMP-1; IMP1; VICKZ1; ZBP1; IGF II mRNA binding protein 1; IGF2 mRNA-binding protein 1; VICKZ family member 1; coding region determinant-binding protein; zipcode-binding protein 1; Accession Number (s): NP_006537.3; NP_001153895.1; Human Gene ID(s): 10642; Non-Human GenelD(s): 140486 (mouse) 303477 (rat)
<b>Immunogen</b>	EKVFAEHKISYSGQQ, is from internal region This antibody is expected to recognize both reported isoforms (NP_006537.3; NP_001153895.1).
<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 16000.
<b>Western Blot</b>	Western Blot: Approx 65kDa band observed in lysates of cell line K562 (calculated MW of 63.5kDa according to NP_006537.3;). Recommended concentration: 0.3-1µg/ml.
<b>IHC</b>	
<b>Reference</b>	Reference(s): Noubissi FK, Goswami S, Sanek NA, Kawakami K, Minamoto T, Moser A, Grinblat Y, Spiegelman VS, Wnt signaling stimulates transcriptional outcome of the Hedgehog pathway by stabilizing GLI1 mRNA. <i>Cancer research</i> 2009 Nov 69 (22): 8572-8.. PMID: 19887615->

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**