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Goat anti-IGF2 (aa81-93) Antibody

Item Number	dAP-2487
Target Molecule	Principle Name: IGF2 (aa81-93); Official Symbol: IGF2; All Names and Symbols: IGF2; insulin-like growth factor 2 (somatomedin A); C11orf43; FLJ22066; FLJ44734; IGF-II; PP9974; OTTHUMP00000220677; insulin-like growth factor II; insulin-like growth factor type 2; somatomedin-A; Accession Number (s): NP_000603.1; NP_001121070.1; Human Gene ID(s): 3481; Non-Human GeneID(s): 16002 (mouse) 24483 (rat)
Immunogen	ETYCATPAKSERD, is from internal region This antibody is expected to recognize both reported isoforms (NP_000603.1; NP_001121070.1). Reported variants represent identical protein: NP_000603.1, NP_001007140.2
Applications	Pep ELISA, 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; Reconsititute 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 64000.
Western Blot	
IHC	Immunohistochemistry: In paraffin embedded Human Cortex shows axonal staining. Recommended concentration: 5-10µg/ml.
Reference	Reference(s): Alzhanov DT, McInerney SF, Rotwein P. Long range interactions regulate Igf2 gene transcription during skeletal muscle differentiation. J Biol Chem. 2010 Dec 10;285(50):38969-77..PMID: 20937833->

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