

## Goat anti-IDH1 (aa153-164) Antibody

Item Number	dAP-2265
Target Molecule	Principle Name: IDH1 (aa153-164); Official Symbol: IDH1; All Names and Symbols: IDH1; isocitrate dehydrogenase 1 (NADP+), soluble; IDCD; IDH; IDP; IDPC; PICD; NADP+-specific ICDH; NADP-dependent isocitrate dehydrogenase, cytosolic; NADP-dependent isocitrate dehydrogenase, peroxisomal; OTTHUMP0000206464; OTTHUMP0000206465; OTTHUMP00; Accession Number (s): NP_005887.2; Human Gene ID(s): 3417; Non-Human GeneID(s): 15926 (mouse) 24479 (rat)
Immunogen	EITYTPSDGTQK, is from internal region
Applications	Pep ELISA, WB Species Tested: Human, Mouse
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 1000.
Western Blot	Western Blot: Approx 48kDa band observed in lysates of cell line HepG2 and of Mouse Liver (calculated MW of 46.7kDa according to NP_005887.2). Recommended concentration: 0.3-1µg/ml.
IHC	
Reference	Reference(s): Abbas S, Lughart S, Kavelaars FG, Schelen A, Koenders J, Zeilemaker A, van Putten WJ, Rijneveld A, Löwenberg B, Valk PJ. Acquired mutations in the genes encoding IDH1 and IDH2 both are recurrent aberrations in acute myeloid leukemia (AML): prevalence and prognostic value. Blood. 2010 Jun

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**