

## Goat anti-SDHAF1 Antibody

<b>Item Number</b>	dAP-1880
<b>Target Molecule</b>	Principle Name: SDHAF1; Official Symbol: SDHAF1; All Names and Symbols: SDHAF1, succinate dehydrogenase complex assembly factor 1; Accession Number (s): NP_001036096.1; Human Gene ID(s): 644096; Non-Human GeneID(s): 68332 (mouse)
<b>Immunogen</b>	HDSTGAPETRPDGR, 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 16000.
<b>Western Blot</b>	Western Blot: Approx 19kDa band observed in Human Brain (Cerebellum) lysates (calculated MW of 12.8kDa according to NP_001036096.1). Recommended concentration: 0.3-1µg/ml.
<b>IHC</b>	

<b>Reference</b>	Reference(s): Ghezzi D, Goffrini P, Uziel G, Horvath R, Klopstock T, Lochmüller H, D'Adamo P, Gasparini P, Strom TM, Prokisch H, Invernizzi F, Ferrero I, Zeviani M. SDHAF1, encoding a LYR complex-II specific assembly factor, is mutated in SDH-defective infantile leukoencephalopathy. Nat Genet. 2009 May 24.
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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**