



## Goat anti-AES Antibody

<b>Item Number</b>	dAP-2392
<b>Target Molecule</b>	Principle Name: AES; Official Symbol: AES; All Names and Symbols: AES; amino-terminal enhancer of split; AES-1; AES-2; ESP1; GRG; GRG5; TLE5; amino enhancer of split; gp130-associated protein GAM; Accession Number (s): NP_945320.1; NP_001121.2; NP_945321.1; Human Gene ID(s): 166; Non-Human GenelD(s): 14797 (mouse) 29466 (rat)
<b>Immunogen</b>	SHLPQQLKFTTSD, is from N Terminus This antibody is expected to recognize all reported isoforms (NP_945320.1; NP_001121.2; NP_945321.1).
<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 64000.
<b>Western Blot</b>	Western Blot: Approx 30kDa band observed in Human Brain (Cerebellum and Cerebral Cortex) lysates (calculated MW of 29.1kDa according to NP_945320.1). Recommended concentration: 0.3-1µg/ml.
<b>IHC</b>	
<b>Reference</b>	Reference(s): Zhang X, Chen HM, Jaramillo E, Wang L, D'Mello SR. Histone deacetylase-related protein inhibits AES-mediated neuronal cell death by direct interaction. J Neurosci Res. 2008 Aug 15;86(11):2423-31..PMID: 18438919->

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**