



Goat anti-EIF2C1 / AGO1 Antibody

Item Number	dAP-0801
Target Molecule	Principle Name: EIF2C1 / AGO1; Official Symbol: EIF2C1; All Names and Symbols: EIF2C1; eukaryotic translation initiation factor 2C, 1; AGO1; EIF2C; GERP95; Q99 ; Golgi Endoplasmic Reticulum protein 95 kDa; argonaute 1; putative RNA-binding protein Q99; Accession Number (s): NP_036331.1; Human Gene ID(s): 26523; Non-Human GeneID(s):
Immunogen	KNASYNLDPYIQEF, is from internal region This product is not expected to cross-react with EIF2C2, EIF2C3 and EIF2C4.
Applications	Pep ELISA, WB Trf, 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; 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 16000.
Western Blot	Western Blot: In transfected HEK293 transiently expressing Human EIF2C1 bands of approx. 110kDa and 35kDa are observed. The 110kDa band is not observed in the non-transfected HEK293. The calculated molecular size is 97.2kDa according to NP_036331.1. Recom
IHC	Immunohistochemistry: Paraffin embedded Human Placenta and Small Intestine. Recommended concentration: 2.5µg/ml.
Reference	Reference(s): Gregory RI, Chendrimada TP, Cooch N, Shiekhattar R. Human RISC couples microRNA biogenesis and posttranscriptional gene silencing. Cell. 2005 Nov 18;123(4):631-40. Epub 2005 Nov 3. PMID: 16271387 ->

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**