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**Research Use Only. Not for
diagnostic or therapeutic use.**

EB07129 - Goat Anti-EIF2C1 / AGO1 Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: EIF2C1, eukaryotic translation initiation factor 2C, 1, AGO1, EIF2C, GERP95, Q99, Golgi Endoplasmic Reticulum protein 95 kDa, argonaute 1, putative RNA-binding protein Q99

Official Symbol: AGO1

Accession Number(s): NP_036331.1

Human GeneID(s): [26523](#)

Important Comments: This product is not expected to cross-react with EIF2C2, EIF2C3 and EIF2C4.

Immunogen

Peptide with sequence C-KNASYNLDPYIQEF, from the internal region of the protein sequence according to NP_036331.1.

Please note the [peptide](#) is available for sale.

Purification and Storage

Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

Supplied at 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.

Applications Tested

Peptide ELISA: antibody detection limit dilution 1:16000.

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. Recommended concentration, 0.3-1µg/ml.

IHC: Paraffin embedded Human Placenta and Small Intestine. Recommended concentration: 2.5µg/ml.

Species Reactivity

Tested: Human

Expected from sequence similarity: Human, Mouse, Rat, Dog

HEK293 overexpressing EIF2C1 and probed with EB07129 (non-transfected HEK293 in lane B).

EB07129 (2.5µg/ml) staining of paraffin embedded Human Placenta. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.

EB07129 (2.5µg/ml) staining of paraffin embedded Human Small Intestine. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.