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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.

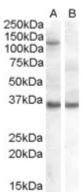
Western blot: In transfected HEK293 transiently expressing Human EIF2C1bands of approx. 110kDa and 35kDa are observed. The 110kDa band is not observed in the non-transfected HEK293. The calculated molecular size is 97.2kDa according to NP_036331.1. Recommended concentration, 0.3-1µg/ml.

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

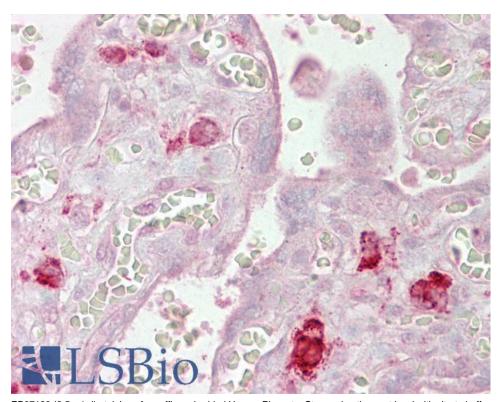
Species Reactivity

Tested: Human

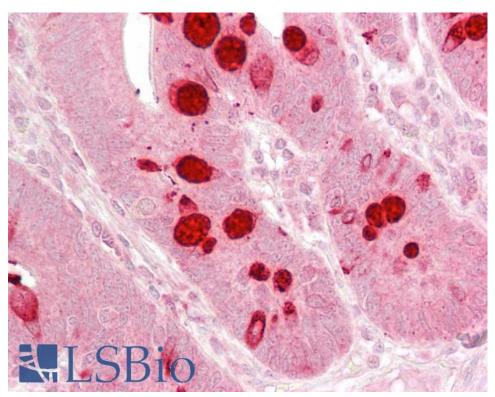
Expected from sequence similarity: Human, Mouse, Rat, Dog



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



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



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