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

EB06057 - Goat Anti-Coronin 1 / TACO Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: CORO1A, Coronin 1, TACO, p57, CLABP, HCORO1, CLIPINA, Clabp
TACO, coronin, actin binding protein, 1A, coronin-1, coronin, actin-binding, 1A, coronin,
actin-binding protein, 1A, FLJ41407, MGC117380

Official Symbol: CORO1A

Accession Number(s): NP_009005.1

Human GeneID(s): [11151](#)

Non-Human GeneID(s): 12721 (mouse), 155151 (rat)

Immunogen

Peptide with sequence C-KRLDRLEETVQAK, from the C Terminus of the protein
sequence according to NP_009005.1.

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: Approx 60kDa band observed in Human Lymphoblastoid and Human T cell
line MOLT4 lysates (calculated MW of 51.0kDa according to NP_009005.1). In transfected
HEK293 transiently expressing CORO1A band of approx. 50kDa is observed. This band is
not observed in the non-transfected HEK293. Recommended concentration: 0.3-1µg/ml.

IHC: Paraffin embedded Human Spleen and Small Intestine. Recommended
concentration: 3.75µg/ml.

Species Reactivity

Tested: Human

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

Specific Reference

This antibody has been successfully used in Western blot in Mouse:

Honoré B, Buus S, Claësson MH.

Identification of differentially expressed proteins in spontaneous thymic lymphomas from
knockout mice with deletion of p53.

Proteome Sci. 2008 Jun 10;6:18.

PMID: 18544163

EB06057 (0.3µg/ml) staining of Human Lymphoblastoid (RIPA buffer, (35µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

HEK293 overexpressing CORO1A (RC210753) and probed with EB06057 (mock transfection in first lane), tested by Origene.

EB06057 (3.75µg/ml) staining of paraffin embedded Human Spleen. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.

EB06057 (3.75µg/ml) staining of paraffin embedded Human Small Intestine. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.