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Research Use Only. Not for diagnostic or therapeutic use.

Storage: For long-term storage keep aliquots at -20°C. (Store no longer than 12 months at 4°C). Minimize freezing and thawing.

EB07125 - Goat Anti-DCP1A Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: transcription factor SMIF, putative protein product of Nbla00360, decapping enzyme hDcp1a, Smad4-interacting transcriptional co-activator, SMIF, SMAD4IP1, Nbla00360, HSA275986, decapping enzyme, DCP1A

Official Symbol: DCP1A

Accession Number(s): NP_060873.3

Human GeneID(s): [55802](#)

Non-Human GeneID(s): 75901 (mouse)

Immunogen

Peptide with sequence C-QVLTKNKDNHN, from the C Terminus of the protein sequence according to NP_060873.3.

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 1:4000.

Western blot: Approx 75kDa band observed in human lysates of A431 and HeLa (calculated MW of 63.3kDa according to NP_060873.3). Recommended concentration: 1-3µg/ml. An additional band of 48kDa was consistently observed, however this band was not blocked by the immunizing peptide and it is therefore a non-specific signal. We call for caution when used for other assays than Western blot.

Species Reactivity

Tested: Human

Expected from sequence similarity: Human, Mouse, Rat

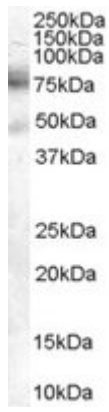
Background Reference

Cougot N, Babajko S, Seraphin B.

Cytoplasmic foci are sites of mRNA decay in human cells.

J Cell Biol. 2004 Apr;165(1):31-40. Epub 2004 Apr 5.

PMID: 15067023



EB07125 (2 μ g/ml) staining of A431 cell lysate (35 μ g protein in RIPA buffer). Primary incubation was 1 hour.
Detected by chemiluminescence.