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Research Use Only. Not for diagnostic or therapeutic use.

EB05427 - Goat Anti-DAP3 Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: DAP3, death associated protein 3, DAP-3, DKFZp686G12159, MGC126058, MGC126059, MRP-S29, MRPS29, bMRP-10, death-associated protein 3, mitochondrial 28S ribosomal protein S29

Official Symbol: DAP3

Accession Number(s): NP_387506.1; NP_001186779.1; NP_001186780.1

Human GeneID(s): 7818

Important Comments: This antibody is expected to recognise isoform 1 (NP_387506.1), isoform 2 (NP_001186779.1) and isoform 3 (NP_001186780.1). Reported variants represent identical protein (NP_387506.1; NP_004623.1; NP_001186778.1).

Immunogen

Peptide with sequence NPSLLERHCAYL, from the C Terminus of the protein sequence according to NP_387506.1; NP_001186779.1; NP_001186780.1.

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 1:64000.

Western blot: Approx 40kDa band observed in lysates of cell lines HeLa and HepG2 and in Human Kidney lysates (calculated MW of 41kDa according to NP_001186779.1 and NP_001186780). Recommended concentration: 0.1-1μg/ml. Primary incubated 1 hour at room temperature.

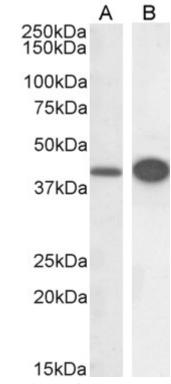
IHC: Paraffin embedded Human Kidney. Recommended concentration: 5µg/ml.

Immunofluorescence: Strong expression of the protein seen in the nuclei of MCF7 cells. Recommended concentration: 10µg/ml.

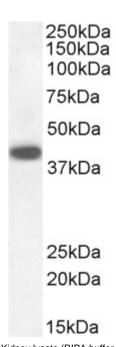
Species Reactivity

Tested: Human

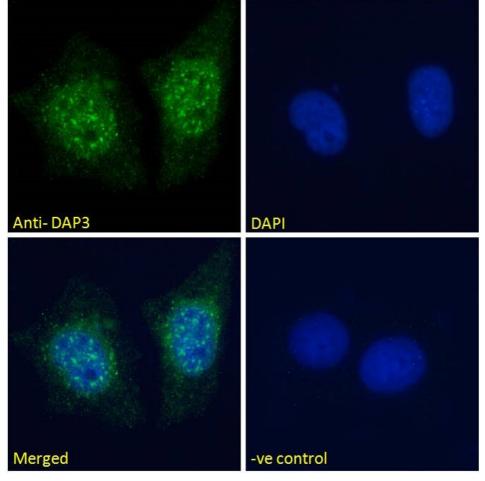
Expected from sequence similarity: Human



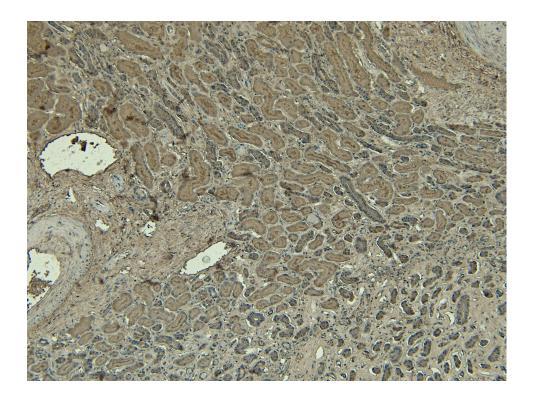
EB05427 (0.3 μ g/ml) staining of HeLa (A) and HepG2 (B) cell lysate (RIPA buffer, 30 μ g total protein per lane). Detected by chemiluminescence.

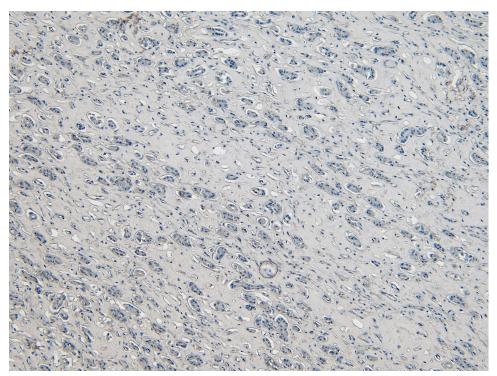


EB05427 staining (0.3µg/ml) of Human Kidney lysate (RIPA buffer, 30µg total protein per lane). Detected by chemiluminescence.



EB05427 Immunofluorescence analysis of paraformaldehyde fixed MCF7 cells, permeabilized with 0.15% Triton. Primary incubation 1hr (10ug/ml) followed by Alexa Fluor 488 secondary antibody (2ug/ml), showing nuclear staining. The nuclear stain is DAPI (blue). Negative control: Unimmunized goat IgG (10ug/ml) followed by Alexa Fluor 488 secondary antibody (2ug/ml).





EB05427 Negative Control showing staining of paraffin embedded Human Kidney, with no primary antibody.