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

EB07232 - Goat Anti-Casein Kinase 1, delta Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: casein kinase 1, delta, HGNC:2452, CSNK1D, HCKID, CKIdelta

Official Symbol: CSNK1D

Accession Number(s): NP_001884.2; NP_620693.1

Human GeneID(s): [1453](#)

Non-Human GeneID(s): 104318 (mouse), 64462 (rat)

Important Comments: This antibody is expected to recognise both reported isoforms (NP_001884.2 and NP_620693.1)

Immunogen

Peptide with sequence C-DREERLRHSRNPATR, from the internal region of the protein sequence according to NP_001884.2; NP_620693.1.

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 1:32000.

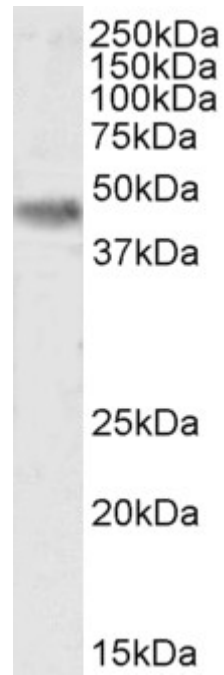
Western blot: Approx 48kDa band observed in Mouse Brain lysates and in preliminary testing of U251 cell lysates (calculated MW of 47.3kDa according to Mouse NP_620690.1). Recommended concentration: 0.1-0.3µg/ml. Primary incubation 1 hour at room temperature.

Immunofluorescence: Expression of the protein seen in the Nucleus of U251 cells. Recommended concentration: 10µg/ml.

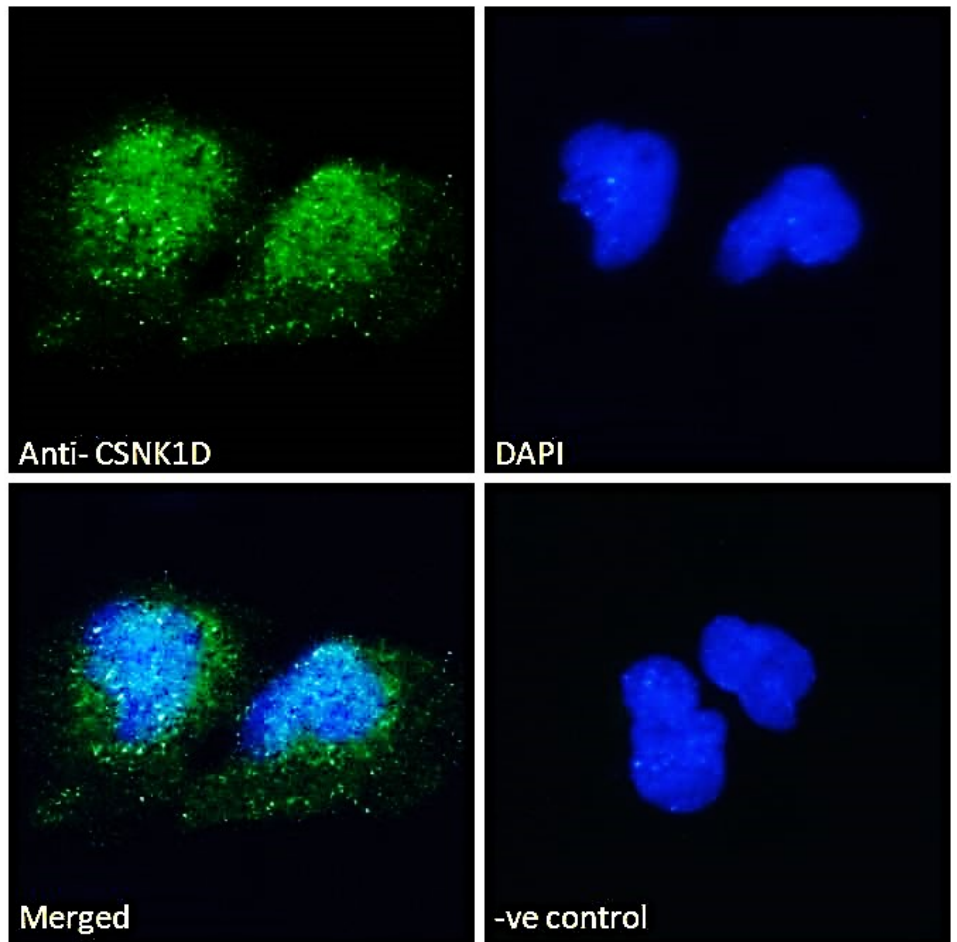
Species Reactivity

Tested: Human, Mouse

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



EB07232 (0.2 μ g/ml) staining of Mouse Brain lysate (35 μ g protein in RIPA buffer). Detected by chemiluminescence.



EB07232 Immunofluorescence analysis of paraformaldehyde fixed U251 cells, permeabilized with 0.15% Triton. Primary incubation 1hr (10 μ g/ml) followed by Alexa Fluor 488 secondary antibody (2 μ g/ml), showing nuclear staining. The nuclear stain is DAPI (blue). Negative control: Unimmunized goat IgG (10 μ g/ml) followed by Alexa Fluor 488 secondary antibody (2 μ g/ml).