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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.

EB05034 - Goat Anti-PPP1R15A / GADD34 Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: protein phosphatase 1, regulatory subunit 15A, growth arrest and DNA-damage-inducible 34, protein phosphatase 1, regulatory (inhibitor) subunit 15A, GADD34, PPP1R15A

Official Symbol: PPP1R15A

Accession Number(s): NP_055145.3

Human GeneID(s): [23645](#)

Immunogen

Peptide with sequence C-AAALDLSGRRG, from the C Terminus of the protein sequence according to NP_055145.3.

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 1:128000.

Western blot: Approx 75kDa band observed in lysates of cell line HEPG2 (calculated MW of 73.4kDa according to NP_055145.2). Recommended concentration: 0.1-0.3µg/ml.

Species Reactivity

Tested: Human, Mouse

Expected from sequence similarity: Human

Specific References

The goat polyclonal antibody used in the following papers was manufactured by us:

Panaretakis T, Kepp O, Brockmeier U, Tesniere A, Bjorklund AC, Chapman DC, Durchschlag M, Joza N, Pierron G, van Endert P, Yuan J, Zitvogel L, Madeo F, Williams DB, Kroemer G.

Mechanisms of pre-apoptotic calreticulin exposure in immunogenic cell death.

EMBO J. 2009 Mar 4;28(5):578-90.

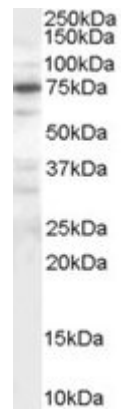
PMID: 19165151

Aghi M, Rabkin S, Martuza RL.

Effect of chemotherapy-induced DNA repair on oncolytic herpes simplex viral replication.

J Natl Cancer Inst. 2006 Jan 4;98(1):38-50.

PMID: 16391370



EB05034 (0.1 μ g/ml) staining of HEPG2 cell lysate (35 μ g protein in RIPA buffer). Primary incubation was 1 hour.
Detected by chemiluminescence.