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Research Use Only. Not for diagnostic or therapeutic use.

EB09114 - Goat Anti-WIZ Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: WIZ, widely interspaced zinc finger motifs, ZNF803, WIZ zinc finger,

widely-interspaced zinc finger motifs

Official Symbol: WIZ

Accession Number(s): NP_067064.2; NP_001317324.1

Human GenelD(s): 58525

Non-Human GenelD(s): 22404 (mouse), 314598 (rat)

Immunogen

Peptide with sequence C-RSYIQGGRPFTKKFR, from the internal region of the protein sequence according to NP_067064.2; NP_001317324.1.

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 1:2000.

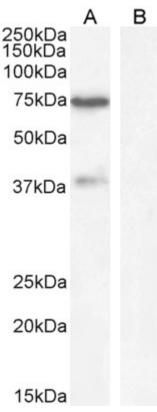
Western blot: Approx 75kDa band observed in Human Brain (Cerebellum) lysates (calculated MW of 85.4kDa according to NP_067064.2). An additional band of unknown identity was also consistently observed at 38kDa. This band was successfully blocked by incubation with the immunizing peptide. Recommended concentration: 0.3-1μg/ml. Primary incubation 1 hour at room temperature.

Flow Cytometry: Flow cytometric analysis of HeLa cells. Recommended concentration: 10ug/ml.

Species Reactivity

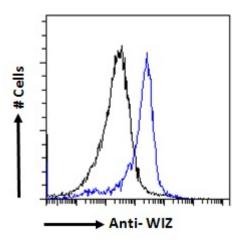
Tested: Human

Expected from sequence similarity: Human, Mouse, Rat



EB09114 (1μg/ml) staining of Human Cerebellum lysate (A) + Blocking peptide (B) (35μg protein in RIPA buffer).

Detected by chemiluminescence.



EB09114 Flow cytometric analysis of paraformaldehyde fixed HeLa cells (blue line), permeabilized with 0.5% Triton. Primary incubation 1hr (10ug/ml) followed by Alexa Fluor 488 secondary antibody (1ug/ml). IgG control:

Unimmunized goat IgG (black line) followed by Alexa Fluor 488 secondary antibody.