

Anti-14-3-3 eta/YWHAH Antibody (8D763)

Product Details

Ig Type:	Mouse IgG1
Reactivity:	Human
Conjugation:	Unconjugated
Clone:	8D763
Purification:	Protein A

Applications

Verified Activity:	<p>1. Anti-YWHAH mouse monoclonal antibody at 1:500 dilution.</p> <ul style="list-style-type: none">-Lane A: U937 Whole Cell Lysate.-Lane B: 293T Whole Cell Lysate.-Lane C: Jurkat Whole Cell Lysate.-Lane D: K562 Whole Cell lysate. <p>-Lysates/proteins at 30 µg per lane.</p> <p>-Secondary</p> <ul style="list-style-type: none">-Goat Anti-Mouse IgG H&L (Dylight800) at 1/15000 dilution. <p>-Developed using the Odyssey technique.</p> <p>-Performed under reducing conditions.</p> <p>-Predicted band size:28 kDa.</p> <p>-Observed band size:30 kDa.</p> <p>2. YWHAH was immunoprecipitated using:</p> <ul style="list-style-type: none">-Lane A:0.5 mg Jurkat Whole Cell Lysate.-Lane B:0.5 mg k562 Whole Cell Lysate. <p>-2 µL anti-YWHAH mouse monoclonal antibody and 15 µL of 50 % Protein G agarose.</p> <p>-Primary antibody:</p> <ul style="list-style-type: none">-Anti-YWHAH mouse monoclonal antibody, at 1:500 dilution. <p>-Secondary antibody:</p> <ul style="list-style-type: none">-Dylight 800-labeled antibody to Mouse IgG (H+L), at 1:7500 dilution. <p>-Developed using the odyssey technique.</p> <p>-Performed under reducing conditions.</p> <p>-Predicted band size: 28 kDa.</p> <p>-Observed band size: 28 kDa</p>
Application:	ELISA,IP,WB
Recommended	WB: 1:500-1:2000; ELISA: 1:1000-1:2000; IP: 1-4 µL/mg of lysate

Properties

Stability & Storage:	Store at 2°C-8°C for 1 month. Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles. Preservative-Free.
Shipping:	Shipping with blue ice.

Antigen Details

Immunogen: Recombinant Protein: Human 14-3-3 eta / YWHAH protein (TMPY-02377)
Antigen Species: Human
Synonyms: YWHA1;tyrosine 3-monooxygenase/tryptophan 5-monooxygenase activation protein, eta
Biology Area: phospho-Serine/phospho-Threonine Binding Proteins, Adaptor Proteins, Apoptosis Adaptor Proteins

Research Background

YWHAH, the gene encoding the 14-3-3eta isoform, is highly expressed in retinal ganglion cells (RGC). YWHAH is a positional and functional candidate gene for both schizophrenia and bipolar disorder (BP). It is located on chromosome 22q12.3, a region that has been implicated by linkage studies in both BP and schizophrenia.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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