

Anti-14-3-3 epsilon YWHAE Antibody

Catalog Number: A01687-3

About YWHAE

Regulates and initiates biosynthesis of N-acetylneuraminic acid (NeuAc), a precursor of sialic acids. Plays an essential role in early development By similarity. Required for normal sialylation in hematopoietic cells. Sialylation is implicated in cell adhesion, signal transduction, tumorigenicity and metastatic behavior of malignant cells.

Lucka L., FEBS Lett. 454:341-344(1999).

Seppala R., Am. J. Hum. Genet. 64:1563-1569(1999).

Huizing M., Submitted (OCT-2000) to the EMBL/GenBank/DDBJ databases.

Overview

Product Name	Anti-14-3-3 epsilon YWHAE Antibody
Reactive Species	Human, Mouse, Rat
Description	Boster Bio Anti-14-3-3 epsilon YWHAE Antibody catalog # A01687-3. Tested in WB,ICC/IF,IHC,Flow Cytometry applications. This antibody reacts with Human,Mouse,Rat.
Application	Flow Cytometry, IF, IHC, ICC, WB
Clonality	Polyclonal
Formulation	Rabbit IgG, 1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.2
Storage Instructions	Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.
Host	Rabbit
Uniprot ID	P62258

Technical Details

Immunogen	Synthesized peptide derived from human DNA Ligase IV around the phosphorylation site of T650.
Predicted Reactive Species	Boar, Bovine, Canine, Golden Hamster
Cross Reactivity	No cross reactivity with other proteins.
Isotype	IgG
Form	Liquid
Concentration	1 mg/ml

Purification	ProA affinity purified
Suggested Dilutions	Dilute the sample so that the expected range of concentrations fall within the detection range of this kit. If the expected range of concentration is unknown, a pilot test should be conducted to decide the optimal dilution ratio for your samples. Some PubMed article(s) citing the expression level of this target are as follows: Boster Bio's internal QC testing used: WB: 1:1,000-1:2,000 ICC: 1:50-1:200 IHC: 1:50-1:200 FC: 1:10-1:100

Anti-14-3-3 epsilon YWHAE Antibody (A01687-3) Images

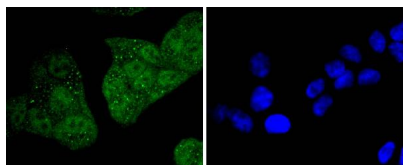


Figure 2. Immunocytochemistry staining of YWHAE using Anti-14-3-3 epsilon YWHAE Antibody (A01687-3).

ICC staining 14-3-3 epsilon in HeLa cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde

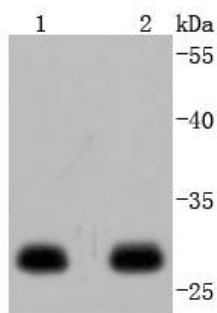


Figure 1. Western blotting validation for Anti-14-3-3 epsilon YWHAE Antibody A01687-3

Western blot analysis of 14-3-3 epsilon on different lysates using anti-14-3-3 epsilon antibody at 1/1

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