

Anti-MEK-4/ MAP2K4 (phospho-T261) Antibody

Catalog Number: A01725T261

About MAP2K4

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-MEK-4/ MAP2K4 (phospho-T261) Antibody
Reactive Species	Human, Mouse, Rat
Description	Boster Bio Anti-MEK-4/ MAP2K4 (phospho-T261) Antibody catalog # A01725T261. Tested in WB,IHC applications. This antibody reacts with Human,Mouse,Rat.
Application	IHC, 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	P45985

Technical Details

Immunogen	Synthesized peptide derived from human MEK-4 around the phosphorylation site of S257.
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	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).
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: 1:500-1:1000 IHC: 1:50-1:200

Anti-MEK-4/ MAP2K4 (phospho-T261) Antibody (A01725T261) Images

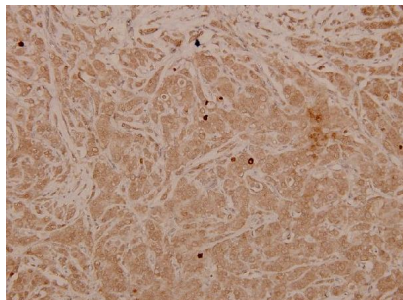


Figure 1. Immunohistochemistry validation of MAP2K4 using Anti-MEK-4/ MAP2K4 (phospho-T261) Antibody (A01725T261).

Immunohistochemistry (IHC) analyzes of p-MEK-4/ MAP2K4 (T261) pAb in paraffin-embedded human breast carcinoma tissue at 1:100.

For more protocol information of IHC

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