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3942 B Valley Ave, Pleasanton, CA 94566
888-466-3604 | support@bosterbio.com | www.bosterbio.com

Anti-Phospho-Net (S357) ELK3 Antibody

Catalog Number: A06026S357

About ELK3

The protein encoded by this protein regulates inositol phosphate metabolism by phosphorylation of second messenger inositol 1,4,5-trisphosphate to Ins(1,3,4,5)P4. The activity of this encoded protein is responsible for regulating the levels of a large number of inositol polyphosphates that are important in cellular signaling. Both calcium/calmodulin and protein phosphorylation mechanisms control its activity.

Dewaste V., Biochem. Biophys. Res. Commun. 291:400-405(2002).
Bertsch U., Submitted (MAY-1999) to the EMBL/GenBank/DDBJ databases.
Gregory S.G., Nature 441:315-321(2006).

Overview

Product Name	Anti-Phospho-Net (S357) ELK3 Antibody
Reactive Species	Human, Monkey, Mouse
Description	Boster Bio Anti-Phospho-Net (S357) ELK3 Antibody catalog # A06026S357. Tested in ELISA, IF, IHC, WB applications. This antibody reacts with Human, Monkey, Mouse.
Application	ELISA, IF, IHC, WB
Clonality	Polyclonal
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
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	P41970

Technical Details

Immunogen	Synthesized peptide derived from human Net around the phosphorylation site of S357.
Isotype	IgG
Form	Liquid
Concentration	1 mg/ml
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Suggested Dilutions	Dilute the sample so that the expected range of concentrations fall within the detection range of this

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	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 1:500-1:2000 IHC 1:100-1:300 IF 1:200-1:1000 ELISA 1:20000

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Anti-Phospho-Net (S357) ELK3 Antibody (A06026S357) Images

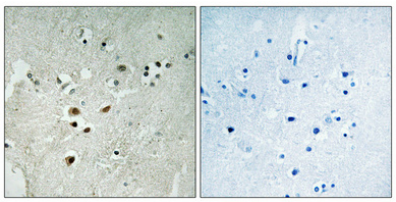

Figure 2. Immunohistochemistry validation of ELK3 using Anti-Phospho-Net (S357) ELK3 Antibody (A06026S357).

Immunohistochemical analysis of paraffin-embedded Human brain. Antibody was diluted at 1:100 (4°C

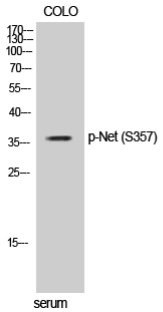

Figure 1. Western blotting validation for Anti-Phospho-Net (S357) ELK3 Antibody A06026S357

Western Blot (WB) analysis of COLO205 cells using Phospho-Net (S357) polyclonal antibody.
Electrophoresis was performed on a SDS-PAGE gel. To determine SDS-PAGE gel concentration

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