Datasheet for ABIN550127

anti-ELK1 antibody (pSer383)

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Overview

Quantity:	100 µL
Target:	ELK1
Binding Specificity:	pSer383
Reactivity:	Human, Mouse, Rat, Dog, Zebrafish (Danio rerio), Primate
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ELK1 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Purpose:	Rabbit polyclonal antibody raised against synthetic phosphopeptide of ELK1.
Immunogen:	Synthetic phosphopeptide corresponding to residues surrounding S383 of human ELK1.
Cross-Reactivity:	Dog, Human, Mouse, Primate, Rat, Zebrafish (Danio rerio)
Characteristics:	Antibody Reactive Against Synthetic Peptide.

Target Details

Target:	ELK1
Alternative Name:	ELK1 (ELK1 Products)
Gene ID:	2002
Pathways:	MAPK Signaling, Neurotrophin Signaling Pathway, Activation of Innate immune Response, Toll-

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Target Details

	Like Receptors Cascades, Signaling of Hepatocyte Growth Factor Receptor, BCR Signaling

Application Details

Application Notes:	Western Blot (1:1000) The optimal working dilution should be determined by the end user.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	In 10 mM HEPES, 150 mM NaCl, pH 7.5 (50 % glycerol, 10 % BSA)
Storage:	-20 °C
Storage Comment:	Store at -20°C. Aliquot to avoid repeated freezing and thawing.

Publications

Product cited in:	Li, Yang, Maeda, Sladek, Sharrocks, Martins-Green: "MAP kinase phosphorylation-dependent activation of Elk-1 leads to activation of the co-activator p300." in: **The EMBO journal**, Vol. 22, Issue 2, pp. 281-91, (2003) (PubMed). Thiels, Kanterewicz, Norman, Trzaskos, Klann: "Long-term depression in the adult hippocampus in vivo involves activation of extracellular signal-regulated kinase and phosphorylation of Elk-1." in: **The Journal of neuroscience : the official journal of the Society for Neuroscience**, Vol. 22, Issue 6, pp. 2054-62, (2002) (PubMed).

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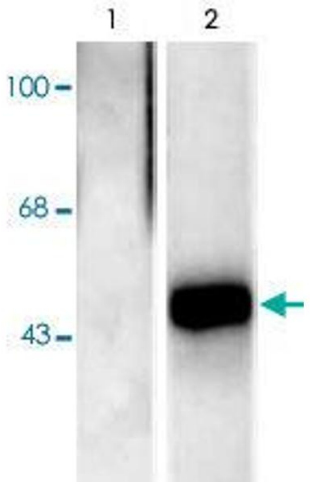

Western Blotting

Image 1. Western blot of recombinant ELK1 showing specific immunolabeling of the ~46k ELK1 phosphorylated at Ser383 (Phos, lane 1). The immunolabeling is absent in dephospho-ELK1 (Non-Phos, lane 2).

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