

Datasheet for ABIN1531595
anti-ELK3 antibody (pSer357)[Go to Product page](#)

3 Images

Overview

Quantity:	100 µg
Target:	ELK3
Binding Specificity:	AA 323-372, pSer357
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ELK3 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunofluorescence (IF), Immunohistochemistry (IHC)

Product Details

Immunogen:	The antiserum was produced against synthesized peptide derived from human Elk3 around the phosphorylation site of Ser357.
Isotype:	IgG
Specificity:	Elk3 (Phospho-Ser357) Antibody detects endogenous levels of Elk3 only when phosphorylated at Ser357. PhosphorylationH:S357 M:S359
Purification:	The antibody was purified from rabbit antiserum by affinity-chromatography using phospho peptide. The antibody against non-phospho peptide was removed by chromatography using corresponding non-phospho peptide.
Purity:	> 95 %

Target Details

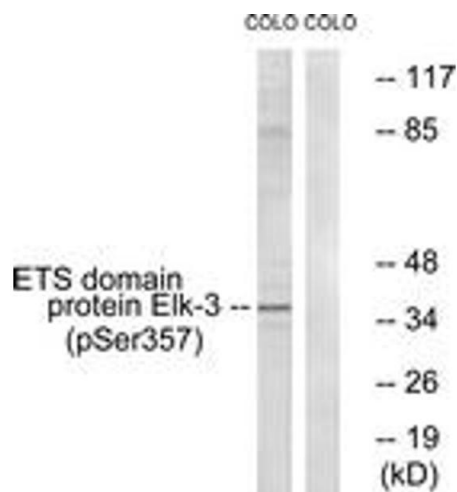
Target:	ELK3
Alternative Name:	Elk3 (ELK3 Products)
Background:	Synonyms: ELK3, ERP, ETS-domain protein ELK-3, ETS-domain protein Elk-3, ETS-related protein ERP, ETS-related protein NET, ETS-related protein Net, Net, SAP-2, SAP2, SRF accessory protein 2 NCBI Gene Symbol: ELK3
Molecular Weight:	44 kDa
Gene ID:	2004
OMIM:	600247
UniProt:	P41970

Application Details

Application Notes:	WB: 1:500~1:1000 IHC: 1:50~1:100 IF: 1:100~1:500 ELISA: 1:20000
Comment:	Unigene-Number: Hs.591015 (NCBI Gene Symbol: ELK3)
Restrictions:	For Research Use only

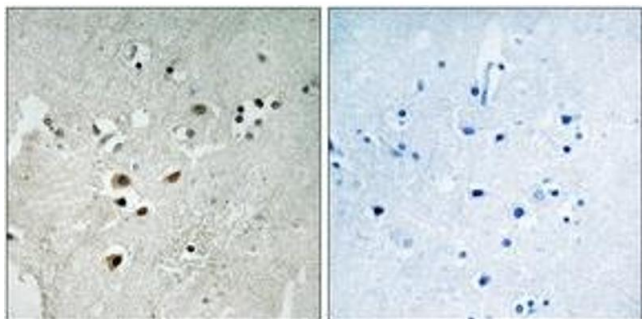
Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150 mM NaCl, 0.02 % sodium azide and 50 % glycerol.
Preservative:	Sodium azide
Precaution of Use:	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Stable at -20°C for at least 1 year.
Expiry Date:	12 months



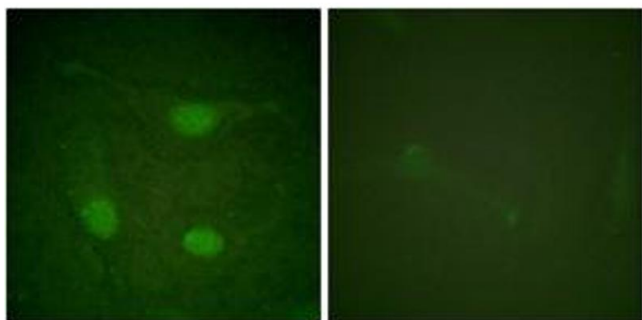
Western Blotting

Image 1. Western blot analysis of extracts from COLO205 cells treated with serum 20% 15', using Elk3 (Phospho-Ser357) Antibody. The lane on the right is treated with the synthesized peptide.



Immunohistochemistry

Image 2. Immunohistochemistry analysis of paraffin-embedded human brain, using Elk3 (Phospho-Ser357) Antibody. The picture on the right is treated with the synthesized peptide.



Immunofluorescence

Image 3. Immunofluorescence analysis of HeLa cells, using Elk3 (Phospho-Ser357) Antibody. The picture on the right is treated with the synthesized peptide.