

## Elk-1 Antibody | anti-Elk-1 antibody

Elk-1 (Phospho-Ser383) Antibody

|                               |                                        |                                                           |
|-------------------------------|----------------------------------------|-----------------------------------------------------------|
| CATALOG #<br><b>AAA111133</b> | REACTIVITY<br><b>Human, Mouse, Rat</b> | APPLICATIONS<br><b>Immunohistochemistry, Western Blot</b> |
|-------------------------------|----------------------------------------|-----------------------------------------------------------|

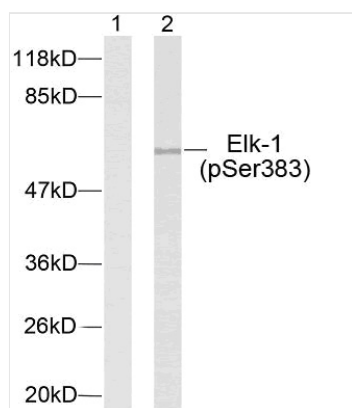
### PRODUCT SYNONYMS

Elk-1; Elk-1 (Phospho-Ser383) Antibody; anti-Elk-1 antibody

### PRODUCT SPECIFICATIONS

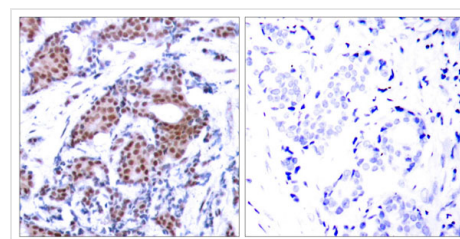
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|-------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Reactivity                                      | Human, Mouse, Rat                                                                                                                                                                                                                                   |
| Specificity                                     | Elk-1 (phospho-Ser383) antibody detects endogenous levels of Elk-1 only when phosphorylated at serine 383.                                                                                                                                          |
| Purity/Purification                             | Affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific phosphopeptide. The antibody against non-phosphopeptide was removed by chromatography using non-phosphopeptide corresponding to the phosphorylation site. |
| Form/Format                                     | In phosphate buffered saline (without Mg <sup>2+</sup> and Ca <sup>2+</sup> ), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.                                                                                                             |
| Sequence Length                                 | 428                                                                                                                                                                                                                                                 |
| Applicable Applications for anti-Elk-1 antibody | IHC (Immunohistochemistry), WB (Western Blot)                                                                                                                                                                                                       |
| Immunogen                                       | The antiserum was produced against synthesized phosphopeptide derived from human Elk-1 around the phosphorylation site of serine 383 (T-L-SP-P-I).                                                                                                  |
| Preparation and Storage                         | Store at -20 degree C for 1 year                                                                                                                                                                                                                    |

### IMAGES



#### WB (Western Blot)

Western blot analysis of extract from HeLa cells untreated or treated with UV using Elk-1 (phospho-Ser383) antibody.



#### IHC (Immunohistochemistry)

P-Peptide+ Immunohistochemical analysis of paraffin-embedded human breast carcinoma tissue using Elk-1 (phospho-Ser383) antibody.

### ADDITIONAL INFORMATION

|                                                   |                                                                                                                                                                                                                   |
|---------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product Categories/Family for anti-Elk-1 antibody | Autophagy antibody; Cancer; Cardiovascular; Cell Biology; Epigenetics & Nuclear Signaling; Developmental Biologys; Immunology; Drug Discovery Products; Metabolism; Neuroscience; Signal Transduction; Stem Cells |
|---------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

|            |                                                                                                                                                                                                                                                                |
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| References | Xing J, et al. (1996) Science. 273(5277): 959-963. Janknecht R, et al. (1993) EMBO J. 12(13): 5097-5104. Marais R, et al. (1993) Cell 73: 381-393. Kortenjann M, et al. (1994) Mol Cell Biol. 14: 4815-4824. Cavigelli M, et al. (1995) EMBO J. 14: 5957-5964. |
|------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

NCBI AND UNIPROT INFORMATION

|                                  |                                                |
|----------------------------------|------------------------------------------------|
| NCBI GI #                        | 166362732                                      |
| NCBI GeneID                      | 2002                                           |
| NCBI Accession #                 | NP_001107595.1                                 |
| NCBI GenBank Nucleotide #        | NM_001114123.2                                 |
| UniProt Accession #              | P19419; O75606; O95058; Q969X8; Q9UJM4; B2R7H4 |
| Molecular Weight                 | 11,217 Da                                      |
| NCBI Official Full Name          | ETS domain-containing protein Elk-1 isoform a  |
| NCBI Official Synonym Full Names | ELK1, ETS transcription factor                 |
| NCBI Official Symbol             | ELK1                                           |
| NCBI Protein Information         | ETS domain-containing protein Elk-1            |
| UniProt Protein Name             | ETS domain-containing protein Elk-1            |
| UniProt Gene Name                | ELK1                                           |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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 Online datasheet: <https://stage.aaabiotech.com/human-mouse-rat-antibody/elk-1/111133>