

## anti-Human, Mouse ALK Antibody | anti-ALK antibody

ALK (Phospho-Tyr1507) Antibody

|                               |                                   |                                                                  |
|-------------------------------|-----------------------------------|------------------------------------------------------------------|
| CATALOG #<br><b>AAA267470</b> | REACTIVITY<br><b>Human, Mouse</b> | APPLICATIONS<br><b>ELISA, Immunohistochemistry, Western Blot</b> |
|-------------------------------|-----------------------------------|------------------------------------------------------------------|

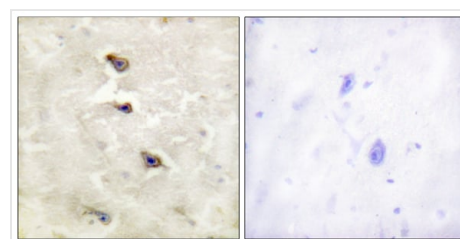
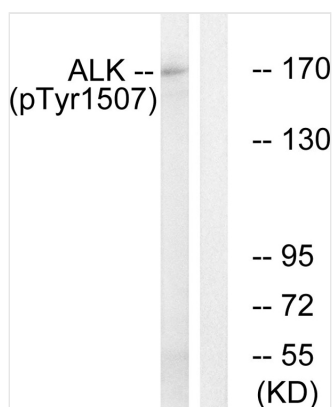
### PRODUCT SYNONYMS

ALK; ALK (Phospho-Tyr1507) Antibody; ALK tyrosine kinase receptor precursor; Anaplastic lymphoma kinase; CD246; EC 2.7.10.1; kinase ALK; anti-ALK antibody

### PRODUCT SPECIFICATIONS

|                                               |                                                                                                                                                                                                                                                     |
|-----------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Reactivity                                    | Human, Mouse                                                                                                                                                                                                                                        |
| Specificity                                   | ALK (Phospho-Tyr1507) antibody detects endogenous levels of ALK only when phosphorylated at tyrosine 1507.                                                                                                                                          |
| 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                               | 1620                                                                                                                                                                                                                                                |
| Applicable Applications for anti-ALK antibody | ELISA, IHC (Immunohistochemistry), WB (Western Blot)                                                                                                                                                                                                |
| Immunogen                                     | The antiserum was produced against synthesized phosphopeptide derived from human ALK around the phosphorylation site of tyrosine 1507(P-T-YP-G-S).                                                                                                  |
| All Sites                                     | Human: Tyr1507<br>Mouse: Tyr1507                                                                                                                                                                                                                    |
| Preparation and Storage                       | Store at -20 degree C for 1 year.                                                                                                                                                                                                                   |

### IMAGES



Application Data  
P-peptide-+

#### IHC (Immunohistochemistry)

Immunohistochemistry analysis of paraffin-embedded human brain tissue using ALK (Phospho-Tyr1507) antibody. Western blot analysis of extracts from COS cells, treated with anisomycin (25ug/ml, 30mins), using ALK (Phospho-Tyr1507) antibody.

ADDITIONAL INFORMATION

|            |                                                                                                                          |
|------------|--------------------------------------------------------------------------------------------------------------------------|
| References | Morris S.W., Oncogene 14:2175-2188(1997). Iwahara T., Oncogene 14:439-449(1997). Hillier L.W., Nature 434:724-731(2005). |
|------------|--------------------------------------------------------------------------------------------------------------------------|

NCBI AND UNIPROT INFORMATION

|                                  |                                                |
|----------------------------------|------------------------------------------------|
| NCBI GI #                        | 29029632                                       |
| NCBI GeneID                      | 238                                            |
| NCBI Accession #                 | NP_004295.2                                    |
| NCBI GenBank Nucleotide #        | NM_004304.4                                    |
| UniProt Accession #              | Q9UM73; Q4ZFX9; Q53QQ6; Q53RZ4; Q59FI3; Q9Y4K6 |
| Molecular Weight                 | 176,442 Da                                     |
| NCBI Official Full Name          | ALK tyrosine kinase receptor isoform 1         |
| NCBI Official Synonym Full Names | ALK receptor tyrosine kinase                   |
| NCBI Official Symbol             | ALK                                            |
| NCBI Official Synonym Symbols    | CD246; NBLST3                                  |
| NCBI Protein Information         | ALK tyrosine kinase receptor                   |
| UniProt Protein Name             | ALK tyrosine kinase receptor                   |
| UniProt Gene Name                | ALK                                            |

**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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | [contact@aaabiotech.com](mailto:contact@aaabiotech.com)  
Online datasheet: <https://www.aaabiotech.com/human-mouse-antibody/alk/267470>