

Anti-LTK Antibody (aa206-255)
Rabbit Anti Human Polyclonal Antibody
Catalog # ALS17944**Specification**

Anti-LTK Antibody (aa206-255) - Product Information

Application	WB, IHC-P, E
Primary Accession	P29376
Predicted	Human, Mouse
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Calculated MW	91681

Anti-LTK Antibody (aa206-255) - Additional Information**Gene ID** 4058

Alias Symbol	LTK
Other Names	
LTK, Leukocyte tyrosine kinase, Protein tyrosine kinase 1, TYK1	

Target/Specificity

LTK Antibody detects endogenous levels of total LTK protein.

Reconstitution & Storage

Immunoaffinity purified

Precautions

Anti-LTK Antibody (aa206-255) is for research use only and not for use in diagnostic or therapeutic procedures.

Anti-LTK Antibody (aa206-255) - Protein Information**Name** LTK {ECO:0000303|PubMed:1655406, ECO:0000312|HGNC:HGNC:6721}**Function**

Receptor with a tyrosine-protein kinase activity (PubMed:10445845, PubMed:20548102, PubMed:30061385). Following activation by ALKAL1 or ALKAL2 ligands at the cell surface, transduces an extracellular signal into an intracellular response (PubMed:30061385, PubMed:34646012). Ligand-binding to the extracellular domain induces tyrosine kinase activation, leading to activation of the mitogen-activated protein kinase (MAPK) pathway (PubMed:20548102). Phosphorylates almost exclusively at the first tyrosine of the Y-x-x-x- Y-Y motif (By similarity). The

exact function of this protein is not known; studies with chimeric proteins demonstrate its ability to promote growth and specifically neurite outgrowth, and cell survival (PubMed:9223670, PubMed:18849880). Involved in regulation of the secretory pathway involving endoplasmic reticulum (ER) export sites (ERESs) and ER to Golgi transport (PubMed:20548102).

Cellular Location

Cell membrane; Single-pass type I membrane protein

Tissue Location

Expressed in non-hematopoietic cell lines and T- and B-cell lines.

Anti-LTK Antibody (aa206-255) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Anti-LTK Antibody (aa206-255) - Images