

**CD7 Polyclonal Antibody**  
Catalog # AP73425**Specification**

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**CD7 Polyclonal Antibody - Product Information**

Application	WB
Primary Accession	<a href="#">P09564</a>
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal

**CD7 Polyclonal Antibody - Additional Information****Gene ID** 924**Other Names**

CD7; T-cell antigen CD7; GP40; T-cell leukemia antigen; T-cell surface antigen Leu-9; TP41; CD7

**Dilution**

WB~~Western Blot: 1/500 - 1/2000. IHC-p: 1:100-300 ELISA: 1/20000. Not yet tested in other applications.

**Format**

Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.09% (W/V) sodium azide.

**Storage Conditions**

-20°C

**CD7 Polyclonal Antibody - Protein Information****Name** CD7**Function**

Transmembrane glycoprotein expressed by T-cells and natural killer (NK) cells and their precursors (PubMed:<a href="http://www.uniprot.org/citations/7506726" target="\_blank">7506726</a>). Plays a costimulatory role in T-cell activation upon binding to its ligand K12/SECTM1 (PubMed:<a href="http://www.uniprot.org/citations/10652336" target="\_blank">10652336</a>). In turn, mediates the production of cytokines such as IL-2 (PubMed:<a href="http://www.uniprot.org/citations/1709867" target="\_blank">1709867</a>). On resting NK-cells, CD7 activation results in a significant induction of interferon-gamma levels (PubMed:<a href="http://www.uniprot.org/citations/7506726" target="\_blank">7506726</a>).

**Cellular Location**

Membrane; Single-pass type I membrane protein.

**Tissue Location**

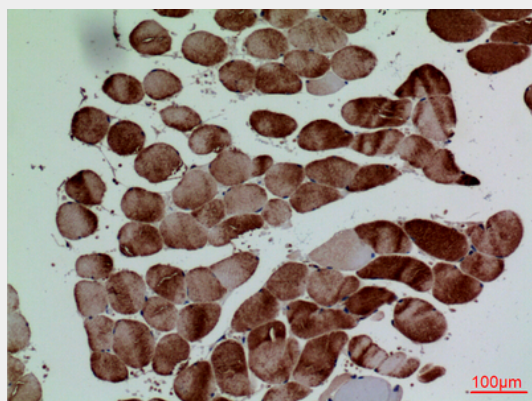
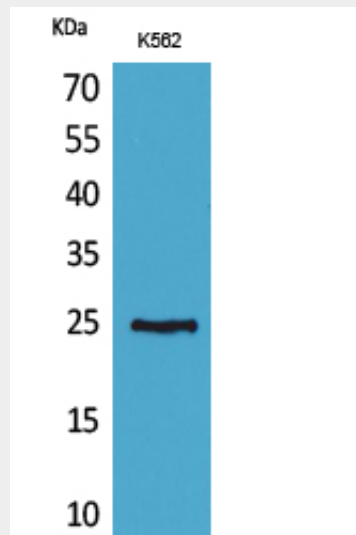
Expressed on T-cells and natural killer (NK) cells and their precursors.

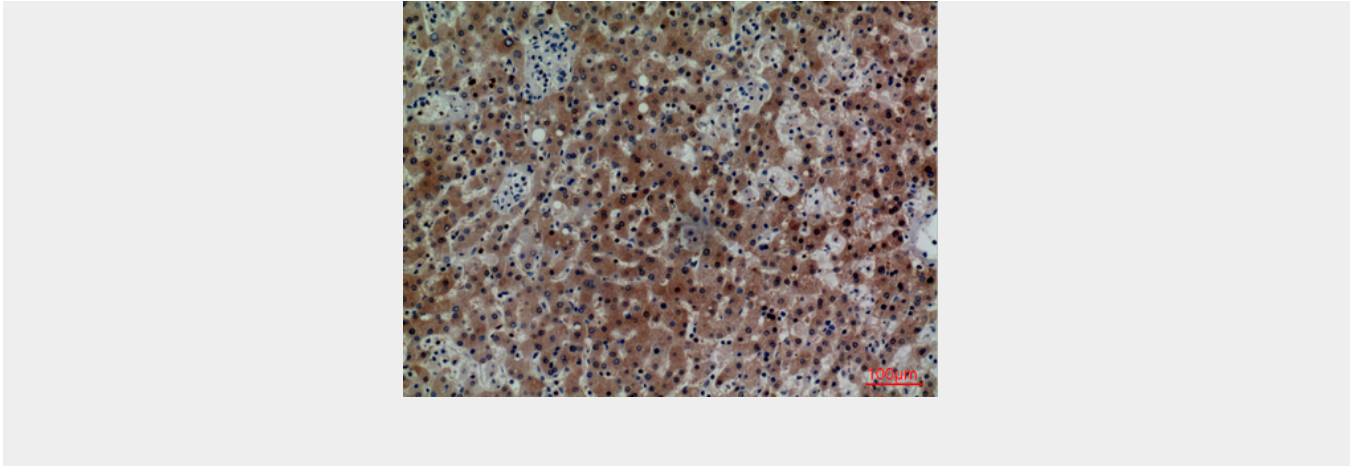
## CD7 Polyclonal Antibody - Protocols

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](#)

## CD7 Polyclonal Antibody - Images





**CD7 Polyclonal Antibody - Background**

Not yet known.