

# CD7 Polyclonal Antibody

Catalog # AP73425

## Product Information

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<b>Application</b>	WB, IHC-P, IF, ICC, E
<b>Primary Accession</b>	<a href="#">P09564</a>
<b>Reactivity</b>	Human, Rat, Mouse
<b>Host</b>	Rabbit
<b>Clonality</b>	Polyclonal
<b>Calculated MW</b>	25409

## Additional Information

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<b>Gene ID</b>	924
<b>Other Names</b>	CD7; T-cell antigen CD7; GP40; T-cell leukemia antigen; T-cell surface antigen Leu-9; TP41; CD7
<b>Dilution</b>	WB~~Western Blot: 1/500 - 1/2000. IHC-p: 1:100-300 ELISA: 1/20000. Not yet tested in other applications. IHC-P~~Western Blot: 1/500 - 1/2000. IHC-p: 1:100-300 ELISA: 1/20000. Not yet tested in other applications. IF~~1:50~200 ICC~~N/A E~~N/A
<b>Format</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.09% (W/V) sodium azide.
<b>Storage Conditions</b>	-20°C

## Protein Information

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<b>Name</b>	CD7
<b>Function</b>	Transmembrane glycoprotein expressed by T-cells and natural killer (NK) cells and their precursors (PubMed: <a href="#">7506726</a> ). Plays a costimulatory role in T-cell activation upon binding to its ligand K12/SECTM1 (PubMed: <a href="#">10652336</a> ). In turn, mediates the production of cytokines such as IL-2 (PubMed: <a href="#">1709867</a> ). On resting NK-cells, CD7 activation results in a significant induction of interferon-gamma levels (PubMed: <a href="#">7506726</a> ).
<b>Cellular Location</b>	Membrane; Single-pass type I membrane protein.
<b>Tissue Location</b>	Expressed on T-cells and natural killer (NK) cells and their precursors.

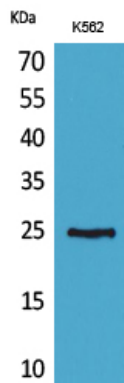
## Background

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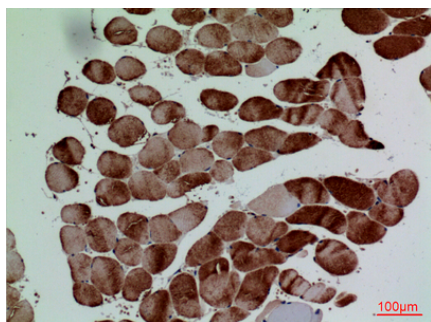
Not yet known.

## Images

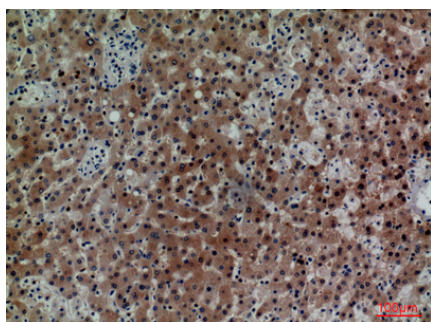
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Western Blot analysis of K562 cells using CD7 Polyclonal Antibody.. Secondary antibody was diluted at 1:20000



Immunohistochemical analysis of paraffin-embedded human-muscle, antibody was diluted at 1:100



Immunohistochemical analysis of paraffin-embedded human-liver, antibody was diluted at 1:100

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.