

CD7 Polyclonal Antibody

Catalog # AP73425

Product Information

Application	WB, IHC-P
Primary Accession	P09564
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Calculated MW	25409

Additional Information

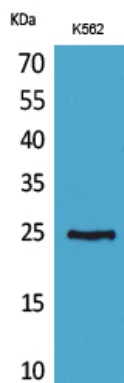
Gene ID	924
Other Names	CD7; T-cell antigen CD7; GP40; T-cell leukemia antigen; T-cell surface antigen Leu-9; TP41; CD7
Dilution	WB~~Western Blot: 1/500 - 1/2000. IHC-p: 1:100-300 ELISA: 1/20000. Not yet tested in other applications. IHC-P~~Western Blot: 1/500 - 1/2000. IHC-p: 1:100-300 ELISA: 1/20000. 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

Protein Information

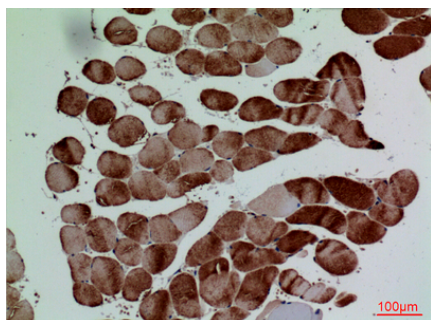
Name	CD7
Function	Transmembrane glycoprotein expressed by T-cells and natural killer (NK) cells and their precursors (PubMed: 7506726). Plays a costimulatory role in T-cell activation upon binding to its ligand K12/SECTM1 (PubMed: 10652336). In turn, mediates the production of cytokines such as IL-2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

Background

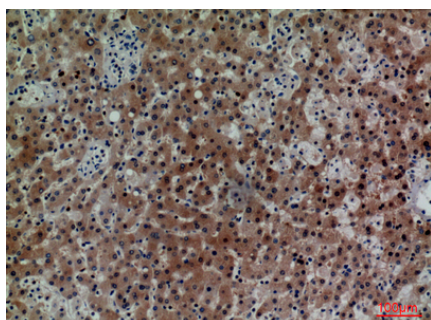
Not yet known.



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'.