

Rabbit anti-Human CD4 Antibody | anti-CD4 antibody

CD4 (Phospho-Ser433) Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA112028	Rabbit	Human	ELISA, Immunofluorescence, Immunohistochemistry

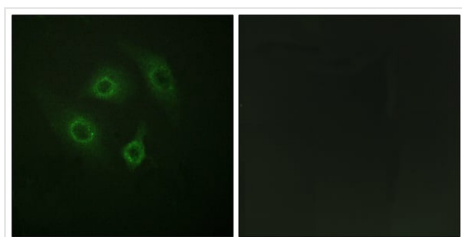
PRODUCT SYNONYMS

CD4; CD4 (Phospho-Ser433) Antibody; T-cell surface antigen T4/Leu-3; T-cell surface glycoprotein CD4 precursor; anti-CD4 antibody

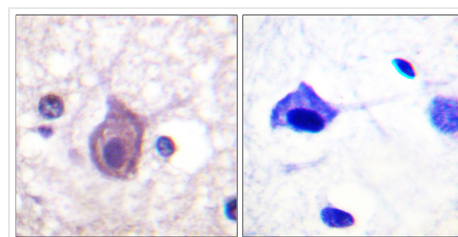
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Isotype	IgG
Specificity	CD4 (Phospho-Ser433) antibody detects endogenous levels of CD4 only when phosphorylated at serine 433.
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^{2+} and Ca^{2+}), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	458
Applicable Applications for anti-CD4 antibody	ELISA, IF (Immunofluorescence), IHC (Immunohistochemistry)
Immunogen	The antiserum was produced against synthesized phosphopeptide derived from human CD4 around the phosphorylation site of serine 433 (R-M-S ^P -Q-I).
All Sites	Human: Ser433
Preparation and Storage	Store at -20 degree C for 1 year.

IMAGES


IF (Immunofluorescence)

P-Peptide: - / + Immunofluorescence analysis of HepG2 cells, using CD4 (Phospho-Ser433) antibody.


IHC (Immunohistochemistry)

P-Peptide: - / + Immunohistochemistry analysis of paraffin-embedded human brain tissue using CD4 (Phospho-Ser433) antibody.

ADDITIONAL INFORMATION

Product Categories/Family for anti-CD4 antibody	Autophagy antibody; Cancer; Cardiovascular; Cell Biology; Epigenetics & Nuclear Signaling; Developmental Biologys; Immunology; Drug Discovery Products; Metabolism; Neuroscience; Signal Transduction; Stem Cells
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References	GR Harriman, J. Immunol., Oct 1990; 145: 2406. G Zauli, Blood, Sep 1994; 84: 1896-1905. Andrew Zloza, Blood, Sep 2003; 102: 2156-2164. David M. Rothstein, Int. Immunol., Jan 1993; 5: 409-418.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	10835167
NCBI GeneID	920
NCBI Accession #	NP_000607.1
NCBI GenBank Nucleotide #	NM_000616.4
UniProt Accession #	P01730; Q4ZGK2; Q5U066; Q9UDE5; B2R737; D3DUS5
NCBI Official Full Name	T-cell surface glycoprotein CD4 isoform 1
NCBI Official Synonym Full Names	CD4 molecule
NCBI Official Symbol	CD4
NCBI Official Synonym Symbols	CD4mut
NCBI Protein Information	T-cell surface glycoprotein CD4
UniProt Protein Name	T-cell surface glycoprotein CD4
UniProt Gene Name	CD4

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.

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Online datasheet: <https://stage.aaabiotech.com/rabbit-human-antibody/cd4/112028>