

Rabbit CD4 Polyclonal Antibody | anti-CD4 antibody

Anti-CD4 (pS433) Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA293314	Rabbit	Human, Mouse, Rat, Monkey, Drosophila	Immunofluorescence, Immunohistochemistry, Western Blot

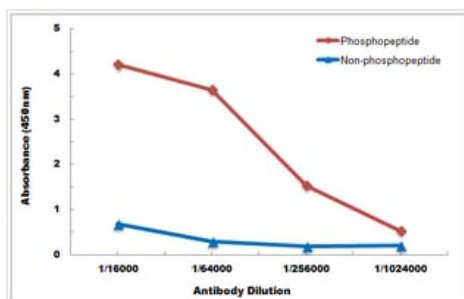
PRODUCT SYNONYMS

CD4; Polyclonal Antibody; Anti-CD4 (pS433) Antibody; T-cell surface glycoprotein CD4; T-cell surface antigen T4/Leu-3; anti-CD4 antibody

PRODUCT SPECIFICATIONS

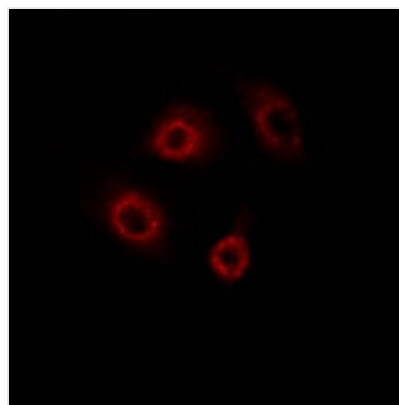
Host	Rabbit
Reactivity	Human, Mouse, Rat, Monkey, Drosophila
Clonality	Polyclonal
Applicable Applications for anti-CD4 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 2 weeks. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



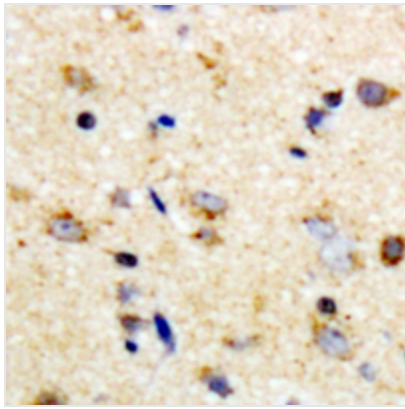
ELISA

Dilution: WB (1/500 - 1/1000), IH (1/50 - 1/200), IF/IC (1/50 - 1/200) Direct ELISA antibody dose-response curve using Anti-CD4 (pS433) Antibody. Antigen (phosphopeptide and non-phosphopeptide) concentration is 5 ug/ml. Goat Anti-Rabbit IgG (H&L) - HRP was used as the secondary antibody, and signal was developed by TMB substrate.



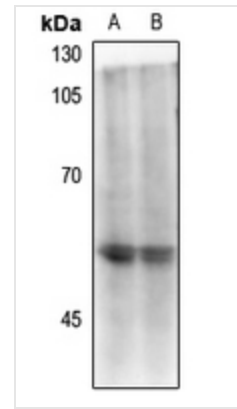
IF (Immunofluorescence)

Dilution: WB (1/500 - 1/1000), IH (1/50 - 1/200), IF/IC (1/50 - 1/200)



IHC (Immunohistochemistry)

Dilution: WB: (1/500 - 1/1000), IH (1/50 - 1/200), IF/IC (1/50 - 1/200) Immunohistochemical analysis of CD4 (pS433) staining in human brain formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.



WB (Western Blot)

Dilution: WB (1/500 - 1/1000), IH (1/50 - 1/200), IF/IC (1/50 - 1/200) Western blot analysis of CD4 (pS433) expression in mouse spleen (A), rat spleen (B) whole cell lysates.

ADDITIONAL INFORMATION

Related Product Information for anti-CD4 antibody

Rabbit polyclonal antibody to CD4 (pS433)
KLH-conjugated synthetic peptide encompassing a sequence within the C-term region of human CD4 with a site at pS433. The exact sequence is proprietary.

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
Molecular Weight	51,111 Da
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; CD4 receptor; CD4 antigen (p55); T-cell surface antigen T4/Leu-3
UniProt Protein Name	T-cell surface glycoprotein CD4
UniProt Gene Name	CD4
UniProt Entry Name	CD4_HUMAN

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://www.aaabiotech.com/polyclonal/cd4-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/293314>