

Rabbit anti-Human DERA Polyclonal Antibody | anti-DEA antibody

DERA Antibody (N-term)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA286258	Rabbit	Human	Flow Cytometry, Functional Assay, Immunohistochemistry, ELISA, Western Blot

PRODUCT SYNONYMS

DERA; Polyclonal Antibody; DERA Antibody (N-term); Deoxyribose-phosphate aldolase; 2-deoxy-D-ribose 5-phosphate aldolase; Phosphodeoxyriboaldolase; Deoxyriboaldolase; anti-DEA antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This DERA antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 12-41 amino acids from the N-terminal region of human DERA.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.37 (varies by lot)
Sequence Positions	12-41
Sequence Length	318
Applicable Applications for anti-DEA antibody	FCM/FACS (Flow Cytometry), IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



FCM/FACS (Flow Cytometry)

DERA Antibody (N-term) flow cytometric analysis of A375 cells (right histogram) compared to a negative control cell (left histogram).FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



IHC (Immunohistochemistry)

Formalin-fixed and paraffin-embedded human skin reacted with DERA Antibody (N-term), which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated.



WB (Western Blot)

Western blot analysis of DERA Antibody (N-term) in A375 cell line lysates (35ug/lane).DERA (arrow) was detected using the purified Pab.

ADDITIONAL INFORMATION

Product Categories/Family for anti-DERA antibody	Metabolism; Signal Transduction
References	Sgarrella,F., et.al., Comp. Biochem. Physiol. B, Biochem. Mol. Biol. 117 (2), 253-257(1997)

NCBI AND UNIPROT INFORMATION

NCBI GI #	116063554
NCBI GeneID	51071
NCBI Accession #	NP_057038.2
NCBI GenBank Nucleotide #	NM_015954.3
UniProt Accession #	Q9Y315; Q53HN9; Q6PHW2
Molecular Weight	35231
NCBI Official Full Name	deoxyribose-phosphate aldolase isoform 1
NCBI Official Synonym Full Names	deoxyribose-phosphate aldolase (putative)
NCBI Official Symbol	DERA
NCBI Official Synonym Symbols	DEOC; CGI-26
NCBI Protein Information	deoxyribose-phosphate aldolase
UniProt Protein Name	Deoxyribose-phosphate aldolase
UniProt Gene Name	DERA
UniProt Synonym Gene Names	DERA; Deoxyriboaldolase
UniProt Entry Name	DEOC_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://stage.aaabiotech.com/polyclonal/dera-antibody-flow-cytometry-immunohistochemistry-western-blot-elisa/286258>