

Goat DEFA1/3 precursor Polyclonal Antibody | anti-DEFA1/3 antibody

Goat anti-DEFA1/3 precursor Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA61468	Goat	Tested: Human; Expected from sequence similarity: Human	Immunohistochemistry, Western Blot, ELISA

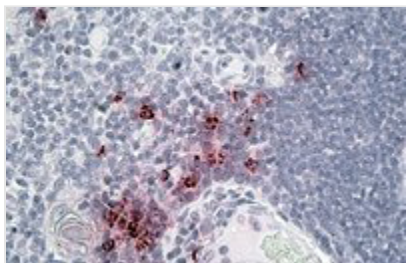
PRODUCT SYNONYMS

DEFA1/3 precursor; Polyclonal Antibody; Goat anti-DEFA1/3 precursor Antibody; DEFA1; defensin; alpha 1; myeloid-related sequence; HGNC: 2761; DEF1; DEFA2; HNP-1; HP-1; MRS; alpha 2; DEFA3; alpha 3; neutrophil-specific; DEF3; HNP-3; HNP3; HP-3; defensin 3; neutrophil-; DEFA1 antibody; myeloid-related sequence antibody; HGNC: 2761 antibody; DEF1 antibody; DEFA2 antibody; HNP-1 antibody; HP-1 antibody; MRS antibody; alpha 1 antibody; alpha 2 antibody; DEFA3 antibody; neutrophil-specific antibody; neutrophil peptide 3 antibody; anti-DEFA1/3 antibody

PRODUCT SPECIFICATIONS

Host	Goat
Reactivity	Tested: Human; Expected from sequence similarity: Human
Clonality	Polyclonal
Purity/Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Form/Format	Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.
Concentration	100ug specific antibody in 200ul (varies by lot)
Sequence	DESLAPKHPG SRKN
Sequence Length	94
Applicable Applications for anti-DEFA1/3 antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA (Peptide ELISA)
Immunogen	Peptide with sequence C-DESLAPKHPGSRKN, from the internal region of the protein sequence according to NP_004075.1; NP_005208.1.
Epitope	Internal region
Note	This antibody is expected to equally recognize DEFA1 precursor and DEFA3 precursor.
Preparation and Storage	Aliquot and store at -20 degree C. Minimize freezing and thawing.

IMAGES



IHC (Immunohistochemistry)
3.8ug/ml) staining of paraffin embedded Human Thymus. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.



WB (Western Blot)
2ug/ml) staining of Human Spleen lysate (35ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

NCBI AND UNIPROT INFORMATION

NCBI GI #	4758146
NCBI GeneID	1667
NCBI Accession #	NP_004075.1; NP_005208.1
NCBI GenBank Nucleotide #	NM_004084.3
Molecular Weight	10,201 Da
NCBI Official Full Name	neutrophil defensin 1 preproprotein
NCBI Official Synonym Full Names	defensin alpha 1
NCBI Official Symbol	DEFA1
NCBI Official Synonym Symbols	HP1; MRS; DEF1; HP-1; DEFA2; HNP-1
NCBI Protein Information	neutrophil defensin 1
UniProt Protein Name	Neutrophil defensin 1
UniProt Gene Name	DEFA1
UniProt Synonym Gene Names	DEF1; DEFA2; MRS; HP-1; HP1; HP-2; HP2
UniProt Entry Name	DEF1_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.