

Rabbit IL-17 Polyclonal Antibody | anti-IL17A antibody

RABBIT ANTI HUMAN INTERLEUKIN-17

CATALOG #	HOST	APPLICATIONS
AAA49946	Rabbit	Western Blot, Immunohistochemistry, Immunofluorescence, Functional Assay, ELISA

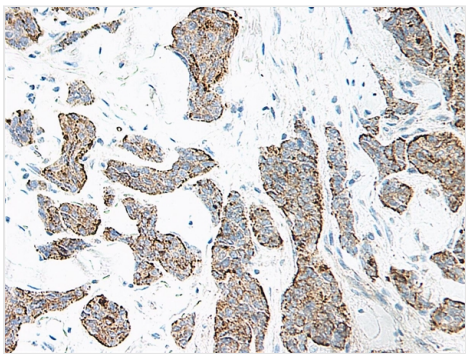
PRODUCT SYNONYMS

IL-17; Polyclonal Antibody; RABBIT ANTI HUMAN INTERLEUKIN-17; anti-IL17A antibody

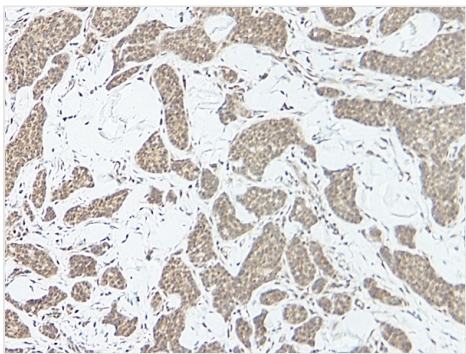
PRODUCT SPECIFICATIONS

Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Form/Format	Purified Purified IgG - lyophilised
Concentration	IgG concentration 1.0 mg/ml after reconstitution (varies by lot)
Sequence Length	155
Applicable Applications for anti-IL17A antibody	WB (Western Blot), IHC (Immunohistochemistry), IF (Immunofluorescence), FA (Functional Assay), ELISA
Reconstitution	Reconstitute with 0.1ml distilled water Care should be taken during reconstitution as the protein may appear as a film at the bottom of the vial. AAA Biotech recommends that the vial is gently mixed after reconstitution. For long term storage the addition of 0.09% sodium azide is recommended. N.B. For functional studies do not add sodium azide
Buffer Solution	Phosphate buffered saline
Antiserum Preparation	Antisera to human IL-17 were raised by repeated immunisation of rabbits with highly purified antigen. Purified IgG prepared by antigen affinity chromatography
Target Species	Human
Preparation and Storage	Prior to reconstitution store at 4 degree C. Following reconstitution store at -20 degree C. This product should be stored undiluted. Storage in frost-free freezers is not recommended. Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a precipitate we recommend microcentrifugation before use. Shelf Life: 12 months from date of reconstitution.

IMAGES



Application Data
Formalin fixed, paraffin embedded human breast invasive ductal carcinoma stained with Goat anti Human IL-17A (AAA49946) following heat mediated antigen retrieval with sodium citrate buffer (pH6.0



Application Data
Staining of formalin fixed,paraffin embedded human breast invasive ductal carcinoma with Rabbit anti Human interleukin-17 (AAA49946

ADDITIONAL INFORMATION

Related Product Information for anti-IL17A antibody	Rabbit anti Human Interleukin-17 antibody recognizes human IL-17 (Interleukin-17/17A), a 32kDa disulfide-linked homodimer consisting of two 136 amino acid chains, which belongs to the IL-17 family (classified as IL-17A to IL-17F), and signals through the IL-17 receptor (IL-17R/CDw217). IL-17 is produced primarily by activated CD4+ T cells and induces a variety of target cells to secrete inflammatory cytokines, including IL-1beta, IL-6, TNFalpha, IFNgamma and granulocyte colony-stimulating factor, as well as synergizing with other inflammatory cytokines and agonists. The role of IL-17 in bone metabolism has become a focus area for studies into Rheumatoid Arthritis, in which levels of IL-17 are significantly increased and may contribute to bone destruction.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	4504651
NCBI GeneID	3605
NCBI Accession #	NP_002181.1
NCBI GenBank Nucleotide #	NM_002190.2
UniProt Accession #	Q16552; Q5T2P0
Molecular Weight	17,504 Da
NCBI Official Full Name	interleukin-17A
NCBI Official Synonym Full Names	interleukin 17A
NCBI Official Symbol	IL17A
NCBI Official Synonym Symbols	IL17; CTLA8; IL-17; IL-17A
NCBI Protein Information	interleukin-17A; CTLA-8; cytotoxic T-lymphocyte-associated antigen 8; cytotoxic T-lymphocyte-associated protein 8; interleukin 17 (cytotoxic T-lymphocyte-associated serine esterase 8)
UniProt Protein Name	Interleukin-17A
UniProt Gene Name	IL17A
UniProt Synonym Gene Names	CTLA8; IL17; IL-17; IL-17A; CTLA-8
UniProt Entry Name	IL17_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.

