

Rabbit anti-Human KYAT3 Polyclonal Antibody | anti-KYAT3 antibody

KYAT3 Rabbit pAb

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA283289	Rabbit	Human	ELISA, Immunocytochemistry, Immunofluorescence, Immunohistochemistry

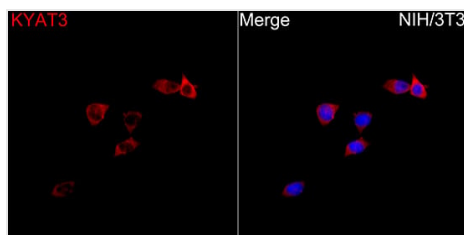
PRODUCT SYNONYMS

KYAT3; Polyclonal Antibody; KYAT3 Rabbit pAb; KAT3; CCBL2; KATIII; anti-KYAT3 antibody

PRODUCT SPECIFICATIONS

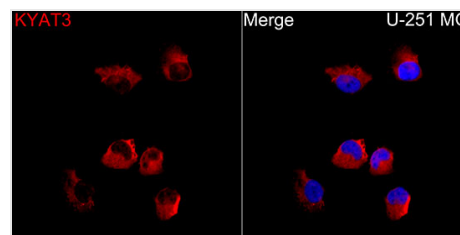
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 0.05% proclin300, 50% glycerol, pH7.3.
Sequence	PNHLIKHLQT VQQNTIYTCA TPLQEALQA FWIDIKRMDD PECYFNSLPK ELEVKRDRMV RLLESVGLKP IVPDGGYFII ADVSLLDPDL SDMKNNEPYD
Applicable Applications for anti-KYAT3 antibody	ELISA, ICC (Immunocytochemistry), IF (Immunofluorescence), IHC (Immunohistochemistry)
Cross Reactivity	Human, Mouse
Immunogen	A synthetic peptide corresponding to a sequence within amino acids 295-394 of human KYAT3(NP_001008661.1).
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES



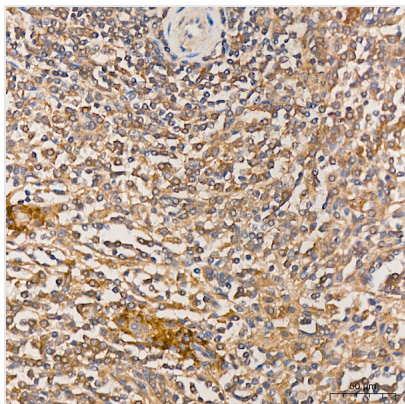
IF (Immunofluorescence)

Immunofluorescence analysis of NIH/3T3 cells using KYAT3 Rabbit pAb (AAA283289) at a dilution of 1:200 (40x lens). Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) (AS007) at 1:500 dilution. Blue: DAPI for nuclear staining.



IF (Immunofluorescence)

Immunofluorescence analysis of U-251 MG cells using KYAT3 Rabbit pAb (AAA283289) at a dilution of 1:200 (40x lens). Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) (AS007) at 1:500 dilution. Blue: DAPI for nuclear staining.



IHC (Immunohistochemistry)

Immunohistochemistry analysis of paraffin-embedded Human spleen tissue using KYAT3 Rabbit pAb (AAA283289) at a dilution of 1:200 (40x lens). High pressure antigen retrieval was performed with 0.01 M citrate buffer (pH 6.0) prior to IHC staining.

ADDITIONAL INFORMATION

Related Product Information for anti-KYAT3 antibody	This gene encodes an aminotransferase that transaminates kynurenine to form kynurenic acid, which is a metabolite of tryptophan. Multiple alternatively spliced transcript variants that encode different proteins have been described for this gene. This gene shares 5' exon structure with the RNA binding motif protein, X-linked-like 1 locus on chromosome 1, but the coding sequences are non-overlapping.
Product Categories/Family for anti-KYAT3 antibody	Signal Transduction ; Metabolism ; Amino Acids ; Metabolism ; Pathways and Processes ; Metabolic signaling pathways ; Amino acid metabolism ; Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	56713256
NCBI GeneID	56267
NCBI Accession #	NP_001008662.1
NCBI GenBank Nucleotide #	NM_001008662.2
UniProt Accession #	Q6YP21 ; O95335 ; Q5JS27 ; Q5T9T7 ; Q5T9T8 ; Q6AI27 ; Q6ICW1 ; Q9BVY5 ; B3KQ13
Molecular Weight	Calculated MW: 51kDa
UniProt Protein Name	Kynurenine--oxoglutarate transaminase 3
UniProt Gene Name	CCBL2
UniProt Synonym Gene Names	KAT3; KATIII
UniProt Entry Name	KAT3_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/kyat3-antibody-immunocytochemistry-immunofluorescence-immunohistochemistry-elisa/283289>