

Rabbit anti-Human Kynurenine--oxoglutarate transaminase 1 Polyclonal Antibody | anti-CCBL1 antibody

Rabbit anti-human Kynurenine--oxoglutarate transaminase 1 polyclonal Antibody

CATALOG # AAA230223	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry, ELISA
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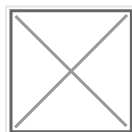
PRODUCT SYNONYMS

Kynurenine--oxoglutarate transaminase 1; Polyclonal Antibody; Rabbit anti-human Kynurenine--oxoglutarate transaminase 1 polyclonal Antibody; Cysteine-S-conjugate beta-lyase; Glutamine transaminase K; Glutamine--phenylpyruvate transaminase; Kynurenine aminotransferase I; Kynurenine--oxoglutarate transaminase I; GTK; KATI; CCBL1; anti-CCBL1 antibody

PRODUCT SPECIFICATIONS

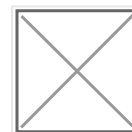
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Caprylic Acid Ammonium Sulfate Precipitation purified
Form/Format	Liquid
Sequence Length	422
Applicable Applications for anti-CCBL1 antibody	IHC (Immunohistochemistry), ELISA
Immunogen	Recombinant human Kynurenine--oxoglutarate transaminase 1 protein(1-372aa)
Conjugation	Non-conjugated
Storage Buffer	Preservative: 0.03% Proclin 300; Constituents: 50% Glycerol, 0.01M PBS, PH 7.4
Santa Cruz Alternative	Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-54016 / sc-54013 / sc-54015 / sc-67374 / sc-67375
Preparation and Storage	Shipped at 4 degree C. Upon delivery, aliquot and store at -20 degree C or -80 degree C.

IMAGES



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human kidney tissue using AAA230223 at dilution 1:100



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human small intestine tissue using AAA230223 at dilution 1:100

ADDITIONAL INFORMATION

Related Product Information for anti-CCBL1 antibody	Catalyzes the irreversible transamination of the L-tryptophan metabolite L-kynurenine to form kynurenic acid (KA). Metabolizes the cysteine conjugates of certain halogenated alkenes and alkanes to form reactive metabolites. Catalyzes the beta-elimination of S-conjugates and Se-conjugates of L-(seleno)cysteine, resulting in the cleavage of the C-S or C-Se bond. This gene encodes a cytosolic enzyme that is responsible for the metabolism of cysteine conjugates of certain halogenated alkenes and alkanes. This metabolism can form reactive metabolites leading to nephrotoxicity and neurotoxicity. Increased levels of this enzyme have been linked to schizophrenia. Multiple transcript variants that encode different isoforms have been identified for this gene.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	169881279
NCBI GeneID	883
NCBI Accession #	NP_001116143.1
NCBI GenBank Nucleotide #	NM_001122671.1
UniProt Accession #	Q16773; Q5T275; Q8N191
Molecular Weight	27,420 Da
NCBI Official Full Name	kynurenine--oxoglutarate transaminase 1 isoform a
NCBI Official Synonym Full Names	cysteine conjugate-beta lyase, cytoplasmic
NCBI Official Symbol	CCBL1
NCBI Official Synonym Symbols	GTK; KAT1; KATI
NCBI Protein Information	kynurenine--oxoglutarate transaminase 1
UniProt Protein Name	Kynurenine--oxoglutarate transaminase 1
UniProt Gene Name	CCBL1
UniProt Synonym Gene Names	GTK; KATI
UniProt Entry Name	KAT1_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/kynurenine-oxoglutarate-transaminase-1-antibody-immunohistochemistry-elisa/230223>