

Rabbit CCBL1 Polyclonal Antibody | anti-CCBL1 antibody

CCBL1 Polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA279732	Rabbit	Human, Mouse, Rat	Immunofluorescence, Immunohistochemistry, Western Blot

PRODUCT SYNONYMS

CCBL1; Polyclonal Antibody; CCBL1 Polyclonal Antibody; GTK; KAT1; KATI; anti-CCBL1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity Purification
Concentration	1mg/ml (varies by lot)
Sequence Length	422
Applicable Applications for anti-CCBL1 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Species	Human
Immunogen	Recombinant Protein
Immunogen	Recombinant protein of human CCBL1
Calculated Molecular Weight	47kDa
Preparation and Storage	Store at -20 degree C (regular) or -80 degree C (long term). Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

IMAGES



IF (Immunofluorescence)

Immunofluorescence analysis of HeLa cells using CCBL1 antibody. Blue: DAPI for nuclear staining.



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded mouse heart using CCBL1 antibody at dilution of 1:100 (40x lens).



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded mouse liver using CCBL1 antibody at dilution of 1:100 (40x lens).



WB (Western Blot)

Western blot analysis of extracts of various cell lines, using CCBL1 Antibody at 1:1000 dilution.Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution.Lysates/proteins: 25ug per lane.Blocking buffer: 3% nonfat dry milk in TBST.Detection: ECL Basic Kit.Exposure time: 90s.

ADDITIONAL INFORMATION

Related Product Information for anti-CCBL1 antibody	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.
Product Categories/Family for anti-CCBL1 antibody	Polyclonal

NCBI AND UNIPROT INFORMATION

NCBI GI #	46396284
NCBI GeneID	883
UniProt Accession #	Q16773; Q5T275; Q8N191
Molecular Weight	422
NCBI Official Full Name	Kynurenine--oxoglutarate transaminase 1
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; beta-lysase, kidney; glutamine transaminase K; kyneurenine aminotransferase; kynurenine aminotransferase I; cysteine-S-conjugate beta-lyase; glutamine--phenylpyruvate transaminase; kynurenine--oxoglutarate transaminase I; glutamine-phenylpyruvate aminotransferase; cysteine conjugate-beta lyase; cytoplasmic (glutamine transaminase K, kyneurenine aminotransferase)
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.