

Anti-CCBL1 Antibody (clone 1B12)
Mouse Anti Human Monoclonal Antibody
Catalog # ALS17990**Specification**

Anti-CCBL1 Antibody (clone 1B12) - Product Information

Application	WB, IHC-P, IF, E
Primary Accession	Q16773
Predicted	Human
Host	Mouse
Clonality	Monoclonal
Isotype	IgG2a,k
Calculated MW	47875

Anti-CCBL1 Antibody (clone 1B12) - Additional Information**Gene ID 883**Alias Symbol **CCBL1****Other Names**

CCBL1, Beta-lysase, kidney, KAT1, KATI, Kynurenine aminotransferase I, Kyneurenine aminotransferase, Kynurenic acid transferase 1, GTK, Glutamine transaminase K

Target/Specificity

Human CCBL1 / KAT1

Reconstitution & Storage

Protein A purified

Precautions

Anti-CCBL1 Antibody (clone 1B12) is for research use only and not for use in diagnostic or therapeutic procedures.

Anti-CCBL1 Antibody (clone 1B12) - Protein Information**Name** KYAT1 ([HGNC:1564](#))**Synonyms** CCBL1**Function**

Catalyzes the irreversible transamination of the L-tryptophan metabolite L-kynurenine to form kynurenic acid (KA), an intermediate in the tryptophan catabolic pathway which is also a broad spectrum antagonist of the three ionotropic excitatory amino acid receptors among others (PubMed:19338303, PubMed:28097769). Also metabolizes the cysteine conjugates of certain halogenated alkenes and alkanes to form reactive metabolites (PubMed:7883047). 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 (PubMed:7883047).

Cellular Location

Cytoplasm, cytosol.

Anti-CCBL1 Antibody (clone 1B12) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Anti-CCBL1 Antibody (clone 1B12) - Images