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Anti-CCBL1 Antibody (clone 1B12)

Mouse Anti Human Monoclonal Antibody
Catalog # ALS17990

Product Information

Application	WB, IHC-P, IF, E
Primary Accession	Q16773
Predicted	Human
Host	Mouse
Clonality	Monoclonal
Isotype	IgG2a,k
Clone Names	1B12
Calculated MW	47875
Concentration (mg/ml)	1 mg/ml

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.

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.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.