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RP11-82K18.3 antibody - N-terminal region

Rabbit Polyclonal Antibody
Catalog # AI11714

Product Information

Application	WB
Primary Accession	Q6YP21
Other Accession	NM_001008662, NP_001008662
Reactivity	Human, Mouse, Rat, Rabbit, Zebrafish, Pig, Dog, Horse, Bovine
Predicted	Human, Rat, Dog, Bovine
Host	Rabbit
Clonality	Polyclonal
Calculated MW	51400

Additional Information

Gene ID	56267
Alias Symbol	RP11-82K18.3, RP4-531M19.2, KAT3, KATIII
Other Names	Kynurenine--oxoglutarate transaminase 3, 2.6.1.7, Cysteine-S-conjugate beta-lyase 2, 4.4.1.13, Kynurenine aminotransferase III, KATIII, Kynurenine--glyoxylate transaminase, 2.6.1.63, Kynurenine--oxoglutarate transaminase III, CCBL2, KAT3
Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Reconstitution & Storage	Add 100 ul of distilled water. Final anti-RP11-82K18.3 antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles.
Precautions	RP11-82K18.3 antibody - N-terminal region is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

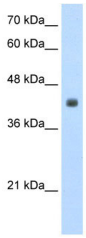
Name	KYAT3 (HGNC:33238)
Synonyms	CCBL2, KAT3
Function	Catalyzes the irreversible transamination of the L-tryptophan metabolite L-kynurenine to form kynurenic acid (KA), an intermediate in the tryptophan catabolic pathway which is also a broad spectrum antagonist of the three ionotropic excitatory amino acid receptors among others. May catalyze 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. Has transaminase activity

towards L-kynurenine, tryptophan, phenylalanine, serine, cysteine, methionine, histidine, glutamine and asparagine with glyoxylate as an amino group acceptor (in vitro). Has lower activity with 2-oxoglutarate as amino group acceptor (in vitro).

References

Marques,A.C., PLoS Biol. 3 (11), E357 (2005)Reconstitution and Storage:For short term use, store at 2-8C up to 1 week. For long term storage, store at -20C in small aliquots to prevent freeze-thaw cycles.

Images



WB Suggested Anti-RP11-82K18.3 Antibody Titration: 2.5µg/ml
Positive Control: Jurkat cell lysate
CCBL2 is supported by BioGPS gene expression data to be expressed in Jurkat