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RP11-82K18.3 antibody - N-terminal region
Rabbit Polyclonal Antibody
Catalog # AI11714

Specification

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

Application	**WB**
Primary Accession	Q6YP21
Other Accession	NM_001008662, NP_001008662
Reactivity	**Human, Mouse, Rat, Rabbit, Zebrafish, Pig, Horse, Bovine, Dog**
Predicted	**Human, Rat, Bovine, Dog**
Host	**Rabbit**
Clonality	**Polyclonal**
Calculated MW	**46kDa KDa**

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

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

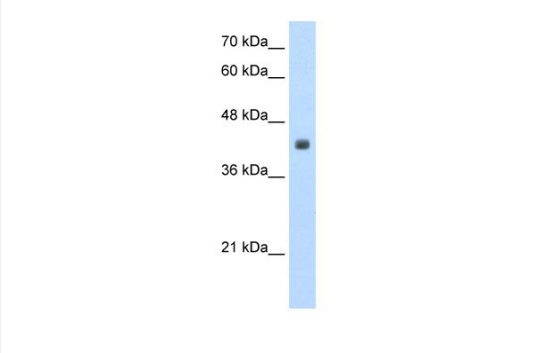
catalyze the beta-elimination of S-conjugates and Se- conjugates of L-(seleno)cysteine, resulting in the cleavage of the C-S or C-Se bond. Has transaminase activity towards L-kynurenine, tryptophan, phenylalanine, serine, cysteine, methionine, histidine, glutamine and asparagine with glyoxylate as an amino group acceptor (in vitro). Has lower activity with 2-oxoglutarate as amino group acceptor (in vitro).

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

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

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

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

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