



Goat anti-CCBL1 Antibody

Item Number	dAP-1281
Target Molecule	Principle Name: CCBL1; Official Symbol: CCBL1; All Names and Symbols: CCBL1; cysteine conjugate-beta lyase; glutamine transaminase K; kyneurenine aminotransferase; GTK; KATI; MGC29624; cytoplasmic cysteine conjugate-beta lyase; glutamine-phenylpyruvate aminotransferase; kynurenine aminotransferase I; Accession Number (s): NP_004050.3; NP_001116144.1; Human Gene ID(s): 883; Non-Human GeneID(s):
Immunogen	DISDFKRKMPD, is from internal region This antibody is expected to recognize both reported isoforms (NP_004050.3; NP_001116144.1)
Applications	Pep ELISA Species Tested:
Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Supplied As	lyophilized powder of 50ug or 100ug IgG; Reconstitute IgG with 100ul or 200ul sterile DI Water and final product will be formulated as 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin. Aliquot and store at -20°C. Minimize freezing and thawing.
Peptide ELISA	Peptide ELISA: antibody detection limit dilution 1 to 32000.
Western Blot	Western Blot: Preliminary experiments in Human Brain (Cerebral and frontal cortex) and Human Breast cancer lysates gave no specific signal but low background (at antibody concentration up to 1µg/ml). We would appreciate any feedback from people in the fi
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Reference	Reference(s): Cooper AJ. The role of glutamine transaminase K (GTK) in sulfur and alpha-keto acid metabolism in the brain, and in the possible bioactivation of neurotoxicants. Neurochem Int. 2004 Jun;44(8):557-77..PMID: 15016471->

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**