



CCBL1 Antibody

CATALOG NUMBER: 45-375

Specifications

SPECIES REACTIVITY:

TESTED APPLICATIONS: ELISA

APPLICATIONS: ELISA: antibody detection limit dilution 1:32000. 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 1ug/ml). We would appreciate any feedback from people in the fi

SPECIFICITY: This antibody is expected to recognize both reported isoforms (NP_004050.3; NP_001116144.1)

IMMUNOGEN: CCBL1 antibody was raised against an 11 amino acid synthetic peptide near the internal region of CCBL1.

HOST SPECIES: Goat

Properties

PURIFICATION: CCBL1 antibody was purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

PHYSICAL STATE: Liquid

BUFFER: CCBL1 antibody is supplied in Tris saline, 0.02% sodium azide, pH 7.3 with 0.5% bovine serum albumin.

CONCENTRATION: 500 ug/mL

STORAGE CONDITIONS: Aliquot and store at -20°C. Minimize freezing and thawing.

CLONALITY: Polyclonal

CONJUGATE: Unconjugated

Additional Info

ALTERNATE NAMES: CCBL1, cysteine conjugate-beta lyase, glutamine transaminase K, kynurenine aminotransferase, GTK, KATI, MGC29624, cytoplasmic cysteine conjugate-beta lyase, glutamine-phenylpyruvate aminotransferase, kynurenine aminotransferase I, KAT1

ACCESSION NO.: NP_004050.3, NP_001116144.1

PROTEIN GI NO.: 95147551

OFFICIAL SYMBOL: CCBL1

GENE ID: 883

Background

REFERENCES: 1) 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. Review. Erratum in: Neurochem Int. 2004

FOR RESEARCH USE ONLY