

Anti-CIITA (RABBIT) Antibody - 200-401-192

Code: 200-401-192

Size: 100 µg

Product Description: Anti-CIITA (RABBIT) Antibody - 200-401-192

Concentration: 0.95mg/mL by UV absorbance at 280 nm

PhysicalState: Liquid (sterile filtered)

Label	Unconjugated
Host	Rabbit
Gene Name	CIITA
Species Reactivity	human
Buffer	0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2
Stabilizer	None
Preservative	0.01% (w/v) Sodium Azide
Storage Condition	Store vial at -20° C prior to opening. Aliquot contents and freeze at -20° C or below for extended storage. Avoid cycles of freezing and thawing. Centrifuge product if not completely clear after standing at room temperature. This product is stable for several weeks at 4° C as an undiluted liquid. Dilute only prior to immediate use.
Synonyms	rabbit anti-CIITA Antibody, MHC class II transactivator type III antibody, MHC2TA antibody, NLR family acid domain containing antibody, NLRA antibody, Nucleotide binding oligomerization domain leucine rich repeat and acid domain containing antibody
Application Note	Anti-CIITA is suitable for the detection by immunoblot of human CIITA and ELISA.
Background	Anti-CIITA antibody detects CIITA. The transactivator CIITA regulates basal and interferon-induced expression of Major Histocompatibility Complex class II genes. CIITA restores expression of all MHC class II gene expression in mutant cells and corrects regulatory defects of MHC class II genes. Antibodies to this transactivator are useful in the study of diseases of pathological MHC class II expression. Antigen can be obtained from Raji cell lysates. Typically levels of CIITA expression are too low to detect endogenous levels of protein expression. Transiently transfected cells are usually employed to study this transcription factor.
Purity And Specificity	Anti-CIITA antibody is an IgG fraction antibody purified from monospecific antiserum by a multi-step process which includes delipidation, salt fractionation and ion exchange chromatography followed by extensive dialysis against the buffer stated above. Assay by immunoelectrophoresis resulted in a single precipitin arc against anti-Rabbit Serum as well as purified and partially purified CIITA [Human]. Cross reactivity against CIITA from other species may occur but have not been specifically determined.
Assay Dilutions	User Optimized
ELISA	1:5,000 - 1:25,000
Western Blot	1:500 - 1:3,000
Other Assays	User Optimized
Expiration	Expiration date is one (1) year from date of opening.
Immunogen	Anti-CIITA was produced by repeated immunizations with CIITA peptide corresponding to a region near the N-terminus of the human protein conjugated to Keyhole Limpet Hemocyanin (KLH).

Related Products

100-401-191	Anti-RFX5 (C-terminal) (RABBIT) Antibody - 100-401-191
100-401-192	Anti-CIITA (RABBIT) Antibody - 100-401-192
100-401-193	Anti-RFX5 (N-terminal) (RABBIT) Antibody - 100-401-193
100-401-194	Anti-RFX5 (aa 320 to 494) (RABBIT) Antibody - 100-401-194

Related Links

NCBI - P33076.2

<http://www.ncbi.nlm.nih.gov/protein/P33076.2>

UniProtKB - P33076

<http://www.uniprot.org/uniprot/P33076>

GeneID - 4261

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