

Anti-CIITA (RABBIT) Antibody - 100-401-192

Code: 100-401-192

Size: 100 µL

Product Description: Anti-CIITA (RABBIT) Antibody - 100-401-192

Concentration: 90 mg/mL by Refractometry

PhysicalState: Liquid (sterile filtered)

Label	Unconjugated
Host	Rabbit
Gene Name	CIITA; MHC2TA
Species Reactivity	human
Buffer	None
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, CIITA, MHC2TA
Application Note	Anti-CIITA is suitable for use in ELISA, western blot. Specific conditions for reactivity should be optimized by the end user.
Background	MHC class II transactivator (CIITA) is essential for transcriptional activity of the HLA class II promoter; activation is via the proximal promoter. No DNA binding of in vitro translated CIITA was detected. It may act in a coactivator-like fashion through protein-protein interactions by contacting factors binding to the proximal MHC class II promoter, to elements of the transcription machinery, or both. Alternatively, it may activate HLA class II transcription by modifying proteins that bind to the MHC class II promoter. Also it mediates enhanced MHC class I transcription; the promoter element requirements for CIITA-mediated transcription are distinct from those of constitutive MHC class I transcription, and CIITA can functionally replace TAF1 at these genes. It exhibits intrinsic GTP-stimulated acetyltransferase activity, exhibits serine/threonine protein kinase activity, and can phosphorylate the TFIID component TAF7, the RAP74 subunit of the general transcription factor TFIIIF, histone H2B at 'Ser-37' and other histones (in vitro).
Purity And Specificity	This product was prepared from monospecific antiserum by delipidation and defibrination.
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	Peptide corresponding to a region near the N-terminal end of the human CIITA gene conjugated to Keyhole Limpet Hemocyanin (KLH). Peptide sequence: IKDNKELPQYLALTR

Related Products

100-401-191	Anti-RFX5 (C-terminal) (RABBIT) Antibody - 100-401-191
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
100-401-249	Anti-CIITA aa 1-333 (RABBIT) Antibody - 100-401-249

Related Links

NCBI - P33076.2

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

UniProtKB -
P33076

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

GeneID - 4261

Disclaimer

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