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Product datasheet for AP09075SU-N

CIITA Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	IP
Recommended Dilution:	Immunoprecipitation.
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Peptide corresponding to a region near the N-terminal end of the human CIITA gene conjugated to Keyhole Limpet Hemocyanin (KLH)
Specificity:	This antibody detetcs CIITA.
Formulation:	0.01% (w/v) Sodium Azide, containing no stabilizer. State: Serum State: Liquid sterile filtered antibody, prepared from monospecific antiserum by delipidation and defibrination
Concentration:	lot specific
Conjugation:	Unconjugated
Storage:	Store the antibody at 2 °C to 8 °C up to one month or (in aliquots) at -20 °C to -70 °C for longer. Avoid repeated freezing and thawing. Centrifuge product if not completely clear after standing at room temperature.
Stability:	Shelf life: one year from despatch (six months from date of opening).
Gene Name:	class II, major histocompatibility complex, transactivator
Database Link:	Entrez Gene 4261 Human P33076

View online »

Background: The transactivator CIITA regulates basal and interferon-induced expression of MHC class II genes. CIITA restores expression of all MHC II gene expression in mutant cells and corrects regulatory defects of those genes. Activation is via the proximal promoter. No DNA binding of in vitro translated CIITA was detected. CIITA 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.

Synonyms: MHC2TA