

#### OriGene Technologies, Inc.

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# Product datasheet for TA341750

# **Ciita Rabbit Polyclonal Antibody**

# **Product data:**

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB
Reactivity:	Mouse
Host:	Rabbit
lsotype:	IgG
Clonality:	Polyclonal
Immunogen:	The immunogen for anti-C2TA antibody: synthetic peptide directed towards the C terminal of mouse C2TA. Synthetic peptide located within the following region: MALWESLQQQGEAQLLQAAEEKFTIEPFKAKSPKDVEDLDRLVQTQRLRN
Formulation:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose. Note that this product is shipped as lyophilized powder to China customers.
Concentration:	lot specific
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	119 kDa
Gene Name:	class II transactivator
Database Link:	<u>NP_031601</u> <u>Entrez Gene 12265 Mouse</u> <u>P79621</u>



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#### **GRIGENE** Ciita Rabbit Polyclonal Antibody – TA341750

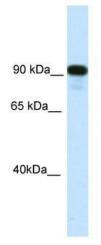
Background:Essential for transcriptional activity of The HLA class II promoter; activation is via The proximal<br/>promoter. No DNA binding of in vitro translated CIITA was detected. May act in a coactivator-<br/>like fashion through protein-protein interactions by contacting factors binding to The proximal<br/>MHC class II promoter, to elements of The transcription machinery, or both. Alternatively it<br/>may activate HLA class II transcription by modifying proteins that bind to The MHC class II<br/>promoter. Also mediates enhanced MHC class I transcription, The promoter element<br/>requirements for CIITA-mediated transcription are distinct from those of constitutive MHC<br/>class I transcription, and CIITA can functionally replace TAF1 atThese genes. Exhibits intrinsic<br/>GTP-stimulated acetyltransferase activity. Exhibits serine/threonine protein kinase activity:<br/>phosphorylatesThe TFIID component TAF7, The RAP74 subunit ofThe general transcription<br/>factor TFIIF, histone H2B at 'Ser-37' and other histones.

Synonyms: C2TA; CIITAIV; MHC2TA; NLRA

Note:

Immunogen Sequence Homology: Dog: 100%; Mouse: 100%; Rat: 93%; Human: 79%

### **Product images:**



WB Suggested Anti-C2TA Antibody Titration: 0.125 ug/ml; ELISA Titer: 1:62500; Positive Control: NIH/3T3 cell lysate

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