.-online.com antibodies

Datasheet for ABIN783727 anti-CIITA antibody (N-Term)

Image



Overview

Quantity:	0.1 mg
Target:	CIITA
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CIITA antibody is un-conjugated
Application:	Western Blotting (WB), Enzyme Immunoassay (EIA)

Product Details

Immunogen:	16 amino acid peptide near the amino terminus of human CIITA
Specificity:	This antibody detects CIITA at N-term.
Cross-Reactivity (Details):	Species reactivity (tested):Human, mouse, rat
Purification:	Affinity chromatography purified via peptide column

Target Details

Target:	CIITA
Alternative Name:	CIITA / C2TA (CIITA Products)
Background:	CIITA contains an acidic transcriptional activation domain, four LRRs (leucine-rich repeats) and
	a GTP binding domain. It is located in the nucleus and acts as a positive regulator of class II

Order at www.antibodies-online.com | www.antikoerper-online.de | www.anticorps-enligne.fr | www.antibodies-online.cn International: +49 (0)241 95 163 153 | USA & Canada: +1 877 302 8632 | support@antibodies-online.com Page 1/3 | Product datasheet for ABIN783727 | 09/12/2023 | Copyright antibodies-online. All rights reserved.

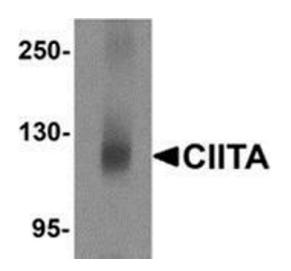
major histocompatibility complex gene transcription, and is referred to as the ""master control
factor"" for the expression of these genes. CIITA also binds GTP and uses GTP binding to
facilitate its own transport into the nucleus. Once in the nucleus it does not bind DNA but rather
uses an intrinsic acetyltransferase (AT) activity to act in a coactivator-like fashion. Mutations in
this gene have been associated with bare lymphocyte syndrome type II (also known as
hereditary MHC class II deficiency or HLA class II-deficient combined immunodeficiency),
increased susceptibility to rheumatoid arthritis, multiple sclerosis, and possibly myocardial
infarction.Synonyms: MHC class II transactivator, MHC2TA

Gene ID:	4261
NCBI Accession:	NP_000237
UniProt:	P33076
Pathways:	Cancer Immune Checkpoints

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.	
Restrictions:	For Research Use only	
Handling		
Buffer:	PBS containing 0.02 % sodium azide	
Preservative:	Sodium azide	
Precaution of Use:	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.	
Handling Advice:	Avoid repeated freezing and thawing.	
Storage:	4 °C/-20 °C	
Storage Comment:	Store at 2 - 8 °C for up to three months or (in aliquots) at -20 °C for longer.	

Order at www.antibodies-online.com | www.antikoerper-online.de | www.anticorps-enligne.fr | www.antibodies-online.cn International: +49 (0)241 95 163 153 | USA & Canada: +1 877 302 8632 | support@antibodies-online.com Page 2/3 | Product datasheet for ABIN783727 | 09/12/2023 | Copyright antibodies-online. All rights reserved.



Western Blotting

Image 1. Western blot analysis of CIITA in mouse brain tissue lysate with CIITA antibody at $1 \mu g/ml$.

Order at www.antibodies-online.com | www.antikoerper-online.de | www.anticorps-enligne.fr | www.antibodies-online.cn International: +49 (0)241 95 163 153 | USA & Canada: +1 877 302 8632 | support@antibodies-online.com Page 3/3 | Product datasheet for ABIN783727 | 09/12/2023 | Copyright antibodies-online. All rights reserved.