

Datasheet for ABIN2779823
anti-CIITA antibody (C-Term)[Go to Product page](#)

1 Image

Overview

Quantity:	100 µL
Target:	CIITA
Binding Specificity:	C-Term
Reactivity:	Human, Mouse, Rat, Dog
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CIITA antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the C terminal region of mouse C2TA
Sequence:	MALWESLQQQ GEAQLLQAAE EKFTIEPFKA KSPKDVEDLD RLVQTQRLRN
Predicted Reactivity:	Dog: 100%, Human: 79%, Mouse: 100%, Rat: 93%
Characteristics:	This is a rabbit polyclonal antibody against C2TA. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

Target Details

Target:	CIITA
Alternative Name:	C2TA (CIITA Products)

Target Details

Background:	<p>C2ta 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. C2ta 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.</p> <p>Alternatively it may activate HLA class II transcription by modifying proteins that bind to the MHC class II promoter</p> <p>Alias Symbols: C2ta, Gm9475, EG669998</p> <p>Protein Interaction Partner: Rfxank, Ssbp4, Ssbp3, Gmeb1, Cited4, Tcf3, Nfe2, Hoxa2, Ewsr1,</p> <p>Protein Size: 1078</p>
Molecular Weight:	119 kDa
Gene ID:	12265
NCBI Accession:	NM_007575 , NP_031601
UniProt:	Q3U2P0
Pathways:	Cancer Immune Checkpoints

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 1078 AA
Restrictions:	For Research Use only

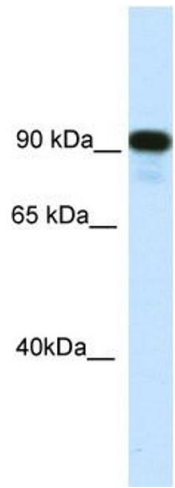
Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
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 freeze-thaw cycles.
Storage:	-20 °C

Handling

Storage Comment: For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

Images



Western Blotting

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