Rabbit CIITA Polyclonal Antibody | anti-CIITA antibody

CIITA Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA305909	**Rabbit**	**Human, Mouse, Rat**	**Immunohistochemistry, Western Blot, ELISA**

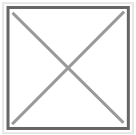
PRODUCT SYNONYMS

CIITA; Polyclonal Antibody; CIITA Antibody; MHC class II transactivator; MHC2TA; C2TA; NLRA; CIITAIV; anti-CIITA antibody

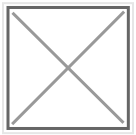
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Purity/Purification	Affinity chromatography purified via peptide column
Form/Format	Supplied in PBS containing 0.02% sodium azide.
Sequence Length	1130
Applicable Applications for anti-CIITA antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA
Immunogen Type	Peptide
Immunogen Description	Raised against a 16 amino acid peptide near the amino terminus of human CIITA.
Target Name	CIITA
Preparation and Storage	Can be stored at -20 degree C, stable for one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.

IMAGES



IHC (Immunohiostchemistry)
Immunohistochemistry of CIITA in human brain tissue with CIITA antibody at 10 ug/mL.



WB (Western Blot)
Western blot analysis of CIITA in mouse brain tissue lysate with CIITA antibody at 1 ug/mL.

ADDITIONAL INFORMATION

Related Product Information for anti-CIITA antibody	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 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.
Product Categories/Family for anti-CIITA antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	156938336
NCBI GeneID	4261
NCBI Accession #	NP_000237.2
NCBI GenBank Nucleotide #	NM_000246.3
UniProt Accession #	P33076; Q29675; Q8SNB8; Q96KL4; A0N0N9; D3DUG0; E9PFE0
Molecular Weight	101,661 Da
NCBI Official Full Name	MHC class II transactivator isoform 2
NCBI Official Synonym Full Names	class II, major histocompatibility complex, transactivator
NCBI Official Symbol	CIITA
NCBI Official Synonym Symbols	C2TA; NLRA; MHC2TA; CIITAIV
NCBI Protein Information	MHC class II transactivator
UniProt Protein Name	MHC class II transactivator
UniProt Gene Name	**CIITA**
UniProt Synonym Gene Names	MHC2TA; CIITA
UniProt Entry Name	C2TA_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: https://stage.aaabiotech.com/polyclonal/ciita-antibody-immunohistochemistry-western-blot-elisa/305909