

Nur für Forschungszwecke

CIITA Polyklonaler Antikörper

Katalog-Nr.:55099-1-AP



Allgemeine Informationen

Katalog-Nr.:
55099-1-AP

Größe:
150ul , Konzentration: 500 µg/ml von
Nanodrop und 267 µg/ml durch die
Bradford-Methode mit BSA als
Standard;

Wirt:
Kaninchen

Isotyp:
IgG

GenBank-Zugangsnummer:
NM_000246

GeneID (NCBI):
4261

Vollständiger Name:
class II, major histocompatibility
complex, transactivator

Berechnete Masse:
124 kDa

Beobachtete Masse:
120-130 kDa

Reinigungsmethode:
Antigen-Affinitätsreinigung

Empfohlene Verdünnungen:
WB 1:200-1:1000

Anwendungen

Geprüfte Anwendungen:
WB, ELISA

Getestete Reaktivität:
Human

Positivkontrollen:

WB : K-562-Zellen,

Hintergrundinformationen

CIITA, also named as MHC2TA, is a 1130 amino acid protein, which interacts with ZXDA and ZXDC. MHC class II molecules are heterodimeric cell surface glycoproteins expressed on B cells, macrophages and dendritic cells, which present antigens to CD4+ T cells. CIITA (class II transactivator) acts as a coactivator for MHC class II-specific gene expression and negatively regulates the IL-4 gene promoter during T cell differentiation. IFN γ induces CIITA gene expression via JAK1 and Stat1 pathways. Defects of CIITA and RFX-B have been implicated as causes of Bare Lymphocyte Syndrome (BLS), which is characterized by the absence of MHC class II transcription and severe immunodeficiencies.

Lagerung

Lagerungsbedingungen:
Bei -20°C lagern.

Lagerungspuffer:

0,1 M NaHCO₃, 0,1M Glyzin, 0,02% Natriumazid und 50% Glycerin, pH 7,3.

Aliquotieren ist nicht notwendig bei -20°C Lagerung

***** 20ul-Größen enthalten 0.1% BSA**

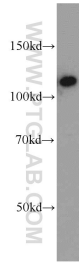
For technical support and original validation data for this product please contact:

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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Ausgewählte Validierungsdaten



K-562 cells were subjected to SDS PAGE followed by western blot with 55099-1-AP (CIITA antibody) at dilution of 1:300 incubated at room temperature for 1.5 hours.