

À des fins de recherche uniquement

# Anticorps Polyclonal de lapin anti-BTN3A1



Numéro de catalogue: 25221-1-AP

Phare

4 Publications

## Informations de base

Numéro de catalogue:

25221-1-AP

Taille:

150ul , Concentration: 500 µg/ml by Nanodrop and 300 µg/ml by Bradford method using BSA as the standard;

Hôte:

Lapin

Isotype:

IgG

Immunogen Catalog Number:

AG18414

Numéro d'acquisition GenBank:

BC121800

Identification du gène (NCBI):

11119

Nom complet:

butyrophilin, subfamily 3, member A1

MW calculé

513 aa, 58 kDa

MW observés:

48 kDa

Méthode de purification:

Purification par affinité contre l'antigène

Dilutions recommandées:

WB 1:500-1:1000

## Applications

Applications testées:

WB, ELISA

Demandes citées:

IHC, WB

Spécificité de l'espèce:

Humain

Espèces citées:

Humain

Contrôles positifs:

WB : cellules U-937, cellules Jurkat

## Informations générales

BTN3A1, also named as Butyrophilin subfamily 3 member A1 or BTF5, is a 513 amino acid protein, which contains one B30.2/SPRY domain and two Ig-like V-type (immunoglobulin-like) domains. BTN3A1 localizes in the cell membrane and belongs to the immunoglobulin superfamily. BTN/MOG family. BTN3A1 is detected on T-cells, natural killer cells, dendritic cells and macrophages. It is ubiquitously highly expressed in heart, pancreas and lung and moderately expressed in placenta, liver and muscle. BTN3A1 plays a role in T-cell activation and in the adaptive immune response. It also regulates the proliferation of activated T-cells and the release of cytokines and IFNG by activated T-cells. It exists as four isoforms. We detected a 48 kda isoform by western blot.

## Publications notables

Autrice	Pubmed ID	Journal	Application
Jinguo Zhang	33042828	Front Oncol	IHC
Barbara Castella	28580927	Nat Commun	WB
Fan Liang	34293829	FEBS Open Bio	WB, IHC

## Stockage

Stockage:

Stocker à -20°C. Stable pendant un an après l'expédition.

Tampon de stockage:

PBS avec azoture de sodium à 0,02 % et glycérol à 50 % pH 7,3

L'aliquotage n'est pas nécessaire pour le stockage à -20C

\*\*\* Les 20ul contiennent 0,1% de BSA.

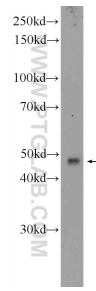
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## Données de validation sélectionnées



U-937 cells were subjected to SDS PAGE followed by western blot with 25221-1-AP (BTN3A1 Antibody) at dilution of 1:600 incubated at room temperature for 1.5 hours.