

Anti-HAPLN3 Polyclonal Antibody

Product Details

Ig Type:	IgG
Reactivity:	Mouse (predicted:Human,Rat,Pig,Horse,Chimpanzee)
Molecular Weight:	Theoretical: 39 kDa.
Purification:	Protein A purified

Applications

Blank control: Mouse spleen.
Primary Antibody (green line): Rabbit Anti-HAPLN3 antibody (TMAB-06886)
Dilution: 2 μ g / 10^6 cells;
Isotype Control Antibody (orange line): Rabbit IgG.
Secondary Antibody: Goat anti-rabbit IgG-AF488

Verified Activity:

Dilution: 1 μ g /test.

Protocol

The cells were fixed with 70% ethanol (10 min at room temperature) and then were incubated in 5% BSA to block non-specific protein-protein interactions for 30 min at room temperature. Cells stained with Primary Antibody for 30 min at room temperature. The secondary antibody used for 40 min at room temperature. Acquisition of 20,000 events was performed.

Application:

FCM

Recommended

FCM: 2 μ g/Test

Properties

Stability & Storage:

Store at 2°C-8°C for 1 month. Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.

Shipping:

Shipping with blue ice.

Antigen Details

Immunogen:	KLH conjugated synthetic peptide: human HAPLN3
Antigen Species:	Human
Gene ID:	145864
Uniprot ID:	Q96S86

Research Background

HAPLN3 is a 360 amino acid protein encoded by the human gene HAPLN3. HAPLN3 belongs to the HAPLN family and contains 1 Ig-like V-type (immunoglobulin-like) domain and two Link domains. HAPLN3 mediates the binding of complexes containing hyaluronic acid. May play a pivotal role in the formation of the hyaluronan-associated matrix in the central nervous system (CNS) which facilitates neuronal conduction and general structural stabilization. HAPLN3 may also be involved in the formation of extracellular matrices contributing to perineuronal nets and facilitate the understanding of a functional role of these extracellular matrices. HAPLN3 is widely expressed with highest levels in spleen and placenta.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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