SunLong Biotech Co.,LTD
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[Primary Antibody]

Rabbit Anti-HAPLN3 antibody

Catalog Number: SL15411R

FOR RESEARCH USE ONLY

[DATASHEET]

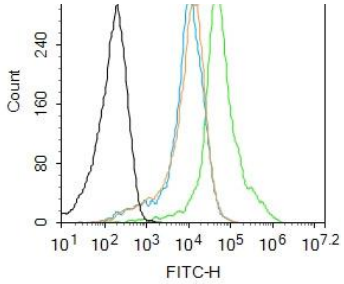
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Target:	HAPLN3
Immunogen:	KLH conjugated synthetic peptide derived from human HAPLN3: 51-150/360
Purification:	affinity purified by Protein A
Concentration:	1mg/ml
Storage:	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped at 4℃. Store at -20 °C for one year. Avoid repeated freeze/thaw cycles.
Applications:	Flow-Cyt=2ug/Test （Paraffin sections need antigen repair） not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Reactivity:	Mouse(predicted:Human,Rat,Pig,Horse,Chimpanzee)
Predicted MW.:	39kDa
Subcellular Location:	cytoplasmic
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. **Function:** May function in hyaluronic acid binding. **Subcellular Location:** Secreted, extracellular space, extracellular matrix (By similarity). **Tissue Specificity:** Widely expressed with highest levels in spleen and placenta.

Important Note: This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

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	Similarity: Belongs to the HAPLN family. Contains 1 Ig-like V-type (immunoglobulin-like) domain. Contains 2 Link domains **Database links:** **Entrez Gene:** 145864 Human **SwissProt:** Q96S86 Human **Unigene:** 447530 Human

[VALIDATION IMAGES]



Blank control:Mouse spleen.
Primary Antibody (green line): Rabbit Anti-HAPLN3 antibody (SL15411R)
Dilution: 2μg /10^6 cells;
Isotype Control Antibody (orange line): Rabbit IgG .
Secondary Antibody : Goat anti-rabbit IgG-AF488
Dilution: 1μg /test.
Protocol
The cells were fixed with 70% ethanol (10min 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.

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