SunLong Biotech Co.,LTD
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[Primary Antibody]

Rabbit Anti-IFT20 antibody

Catalog Number: SL15561R

FOR RESEARCH USE ONLY

[DATASHEET]

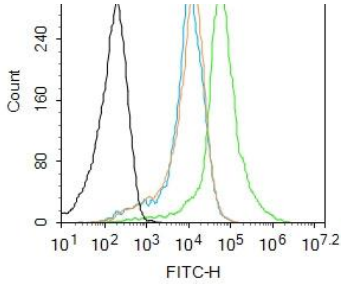
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Target:	IFT20
Immunogen:	KLH conjugated synthetic peptide derived from human IFT20: 1-100/132
Purification:	affinity purified by Protein A
Concentration:	1mg/ml
Storage:	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped at 4℃. Store 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,Cow,Horse,Rabbit,Sheep)
Predicted MW.:	15kDa
Subcellular Location:	cytoplasmic
Background:	IFT20 is a gene encodes a intraflagellar transport protein important for intracellular transport. The encoded protein forms part of a complex involved in trafficking of proteins from the Golgi body, including recycling of immune signalling components (Finetti et al., PubMed: 19855387). This gene is part of a complex set of sense-antisense loci that may be co-regulated. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene. A pseudogene of this gene is located on the long arm of chromosome 14. **Function:** Part of intraflagellar transport (IFT) particles involved in ciliary process assembly. May play a role in the trafficking of ciliary membrane proteins from the Golgi complex to the cilium. **Subunit:** Component of IFT complex B composed of IFT88, IFT57, TRAF3IP1, IFT52, IFT27, HSPB11 and IFT20. Interacts directly with IFT57 and KIF3B/Kinesin II subunit (By similarity). Interacts with CCDC41/CEP83. **Subcellular Location:** Golgi apparatus, cis-Golgi network (By similarity).

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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	Cytoplasm, cytoskeleton, centrosome, centriole (By similarity). Cytoplasm, cytoskeleton, cilium basal body (By similarity). Note=Present at the centrosomes during the cell cycle and associated with the proximal portion of the mother centriole and the lateral aspect of the daughter centriole. Associated with basal body at the base of primary cilia (By similarity). **Tissue Specificity:** Expressed in almost all tissues. **Database links:** **Entrez Gene:** 90410 Human **SwissProt:** Q8IY31 Human

[VALIDATION IMAGES]



Blank control:Mouse spleen.
Primary Antibody (green line): Rabbit Anti-IFT20 antibody (SL15561R)
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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