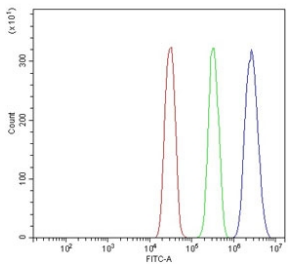
FOXN1 Antibody (RQ6381)

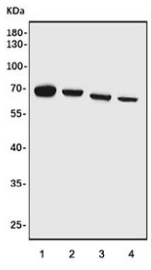
Catalog No.	Formulation	Size
RQ6381	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human, Mouse
Format	Purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Antigen affinity purified
Buffer	Lyophilized from 1X PBS with 2% Trehalose
UniProt	O15353
Localization	Nuclear
Applications	Western Blot : 0.5-1ug/ml Flow Cytometry : 1-3ug/million cells
Limitations	This FOXN1 antibody is available for research use only.



Flow cytometry testing of human SiHa cells with FOXN1 antibody at 1ug/million cells (blocked with goat sera); Red=cells alone, Green=isotype control, Blue= FOXN1 antibody.



Western blot testing of 1) human HeLa, 2) human Raji, 3) mouse NIH 3T3 and 4) mouse RAW264.7 cell lysate with FOXN1 antibody. Predicted molecular weight ~69 kDa.

Description

The FOXN1 gene encodes a transcription factor that regulates the development of epithelial cells in the thymus and skin. FOXN1 is expressed in thymic epithelial cell precursors which interact with T-cell progenitors for T-cell development in the thymus, and thus plays an essential role in thymic development beginning in the embryo. FOXN1 is also expressed in keratinocytes, hair follicles, epithelial cells in the nail matrix bed, and cells of the choroid plexus.

Application Notes

Optimal dilution of the FOXN1 antibody should be determined by the researcher.

Immunogen

Amino acids SHAPFHPYKRPFHED were used as the immunogen for the FOXN1 antibody.

Storage

After reconstitution, the FOXN1 antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.

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