



Anti-FOXN1 monoclonal antibody (DCABH-11605)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	Mutations in the winged-helix transcription factor gene at the nude locus in mice and rats produce the pleiotropic phenotype of hairlessness and athymia, resulting in a severely compromised immune system. This gene is orthologous to the mouse and rat genes and encodes a similar DNA-binding transcription factor that is thought to regulate keratin gene expression. A mutation in this gene has been correlated with T-cell immunodeficiency, the skin disorder congenital alopecia, and nail dystrophy. Alternative splicing in the 5' UTR of this gene has been observed.
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Immunogen	A synthetic peptide of human FOXN1 is used for rabbit immunization.
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human
Purification	Protein A
Conjugate	Unconjugated
Applications	Western Blot (Transfected lysate); ELISA
Buffer	In 1x PBS, pH 7.4
Preservative	None
Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

GENE INFORMATION

Gene Name	FOXN1 forkhead box N1 [Homo sapiens]
Official Symbol	FOXN1
Synonyms	FOXN1; forkhead box N1; RONU, Rowett nude , WHN, winged helix nude; forkhead box protein N1; FKHL20; Rowett nude; winged helix nude; winged-helix nude; winged-helix transcription factor nude; WHN; RONU;
Entrez Gene ID	8456
Protein Refseq	NP_003584
UniProt ID	O15353
Chromosome Location	17q11-q12
Function	DNA binding, bending; double-stranded DNA binding; sequence-specific DNA binding; sequence-specific distal enhancer binding RNA polymerase II transcription factor activity; transcription factor binding;