

For Research Use Only

HOXC13 Polyclonal antibody, PBS Only

Catalog Number: 27002-1-PBS



Basic Information

| | | |
|------------------------------------------------------------|----------------------------------------------|--------------------------------------------------------------|
| Catalog Number: 27002-1-PBS | GenBank Accession Number: BC090850 | Purification Method: Antigen affinity purification |
| Size: 100ug, Concentration: 1 mg/ml by Nanodrop; | GeneID (NCBI): 3229 | |
| Source: Rabbit | UNIPROT ID: P31276 | |
| Isotype: IgG | Full Name: homeobox C13 | |
| Immunogen Catalog Number: AG25544 | Calculated MW: 35 kDa, 330 aa | |
| | Observed MW: 38 kDa | |

Applications

Tested Applications:
WB, IF/ICC, Indirect ELISA

Species Specificity:
human

Background Information

HOXC13 is a member of HOX proteins. The HOX family includes 39 paralogous proteins expressed from the HOXA, HOXB, HOXC, and HOXD gene clusters, and these function early in embryonic development to establish cell and tissue identity and to regulate cell proliferation, differentiation, and survival (PMID: 30974835). Human HOXC13, which is expressed in the hair follicle and nail matrix, is involved in the regulation of keratin gene expression (PMID: 11714694). Mutations in human HOXC13 cause ectodermal dysplasia 9, a severe defect of hair and nails (PMID: 23063621).

Storage

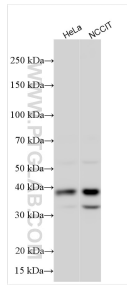
Storage:
Store at -80°C.

Storage Buffer:
PBS Only

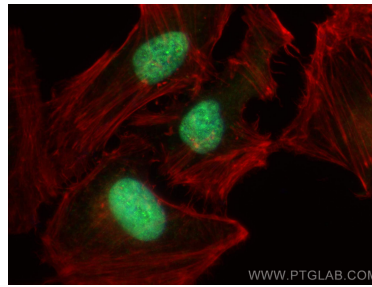
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA) E: proteintech@ptglab.com
W: ptglab.com

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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 27002-1-AP (HOXC13 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 27002-1-PBS in a different storage buffer formulation.



Immunofluorescent analysis of (4% PFA) fixed HeLa cells using HOXC13 antibody (27002-1-AP) at dilution of 1:400 and Multi-rAb CoraLite® Plus 488-Goat Anti-Rabbit Recombinant Secondary Antibody (H+L) (RGAR002). This data was developed using the same antibody clone with 27002-1-PBS in a different storage buffer formulation.