

A16393

Leader in Biomolecular Solutions for Life Science



Cytokeratin 13 (KRT13) Rabbit pAb

Catalog No.: A16393

Basic Information

Observed MW

50kDa

Calculated MW

50kDa

Category

Polyclonal Antibody

Applications

WB, IHC-P, IF/ICC, ELISA

Cross-Reactivity

Human

Background

The protein encoded by this gene is a member of the keratin gene family. The keratins are intermediate filament proteins responsible for the structural integrity of epithelial cells and are subdivided into cytokeratins and hair keratins. Most of the type I cytokeratins consist of acidic proteins which are arranged in pairs of heterotypic keratin chains. This type I cytokeratin is paired with keratin 4 and expressed in the suprabasal layers of non-cornified stratified epithelia. Mutations in this gene and keratin 4 have been associated with the autosomal dominant disorder White Sponge Nevus. The type I cytokeratins are clustered in a region of chromosome 17q21.2. Alternative splicing of this gene results in multiple transcript variants; however, not all variants have been described.

Recommended Dilutions

WB	1:500 - 1:2000
IHC-P	1:50 - 1:100
IF/ICC	1:50 - 1:100

Immunogen Information

Gene ID

3860

Swiss Prot

P13646

Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 269-458 of human Cytokeratin 13 (Cytokeratin 13 (KRT13)) (NP_705694.2).

Synonyms

K13; CK13; WSN2; Cytokeratin 13 (KRT13)

Contact



www.abclonal.com

Product Information

Source

Rabbit

Isotype

IgG

Purification

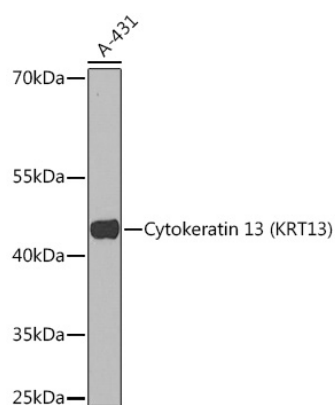
Affinity purification

Storage

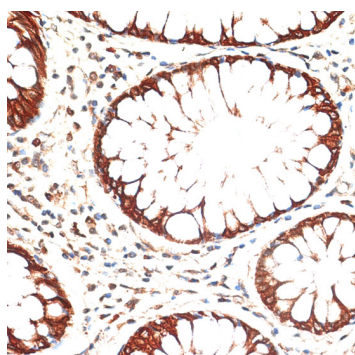
Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH 7.3.

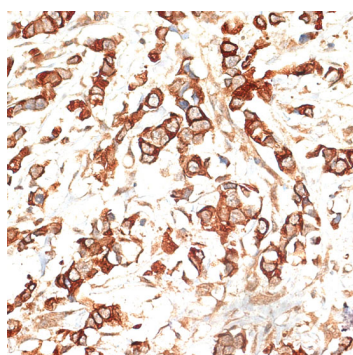
Validation Data



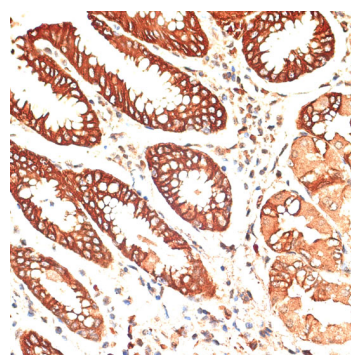
Western blot analysis of extracts of A-431 cells, using Cytokeratin 13 (Cytokeratin 13 (KRT13)) Rabbit pAb (A16393) at 1:1000 dilution.
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
Lysates/proteins: 25µg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Basic Kit (RM00020).
Exposure time: 90s.



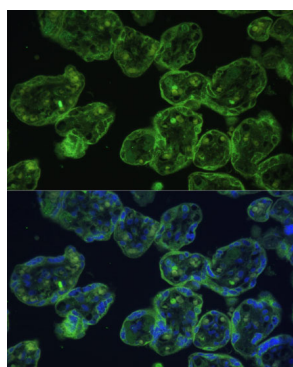
Immunohistochemistry analysis of paraffin-embedded human colon carcinoma using Cytokeratin 13 (Cytokeratin 13 (KRT13)) antibody (A16393) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with IHC staining protocol.



Immunohistochemistry analysis of paraffin-embedded human breast cancer using Cytokeratin 13 (Cytokeratin 13 (KRT13)) antibody (A16393) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with IHC staining protocol.



Immunohistochemistry analysis of paraffin-embedded human stomach using Cytokeratin 13 (Cytokeratin 13 (KRT13)) antibody (A16393) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with IHC staining protocol.



Immunofluorescence analysis of human placenta using Cytokeratin 13 (Cytokeratin 13 (KRT13)) Polyclonal Antibody (A16393) at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.