

ARG64761 anti-Cytokeratin 13 antibody

Package: 100 µg
Store at: -20°C

Summary

| | |
|---------------------|---|
| Product Description | Goat Polyclonal antibody recognizes Cytokeratin 13 |
| Tested Reactivity | Hu |
| Tested Application | IHC-P, WB |
| Specificity | This antibody is expected to recognize the reported isoform a (NP_002265.2) only. |
| Host | Goat |
| Clonality | Polyclonal |
| Isotype | IgG |
| Target Name | Cytokeratin 13 |
| Species | Human |
| Immunogen | C-TSNASGRRTSDVRRP |
| Conjugation | Un-conjugated |
| Alternate Names | K13; Keratin, type I cytoskeletal 13; CK-13; Cytokeratin-13; WSN2; CK13; Keratin-13 |

Application Instructions

| Application table | Application | Dilution |
|-------------------|--|-----------------|
| | IHC-P | 2 - 4 µg/ml |
| | WB | 0.1 - 0.3 µg/ml |
| Application Note | IHC-P: Antigen Retrieval: Steam tissue section in Citrate buffer (pH 6.0). WB: Recommend incubate at RT for 1h. * The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist. | |

Properties

| | |
|---------------------|--|
| Form | Liquid |
| Purification | Purified from goat serum by antigen affinity chromatography. |
| Buffer | Tris saline (pH 7.3), 0.02% Sodium azide and 0.5% BSA. |
| Preservative | 0.02% Sodium azide |
| Stabilizer | 0.5% BSA |
| Concentration | 0.5 mg/ml |
| Storage instruction | For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use. |

Note For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

Database links [GeneID: 3860 Human](#)

[Swiss-port # P13646 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. [provided by RefSeq, Jul 2008]

Research Area

Controls and Markers antibody; Signaling Transduction antibody

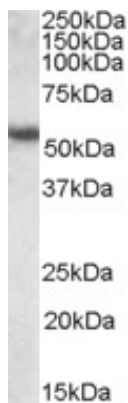
Calculated Mw

50 kDa

PTM

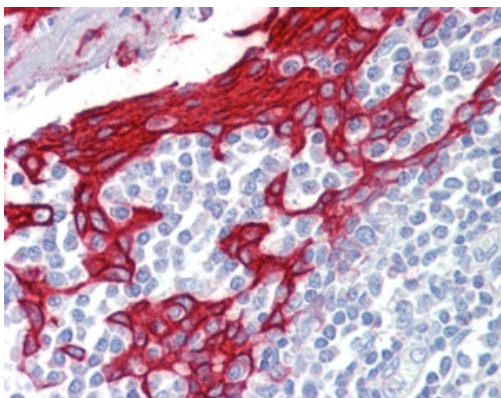
O-glycosylated; glycans consist of single N-acetylglucosamine residues.

Images



ARG64761 anti-Cytokeratin 13 antibody WB image

Western blot: 35 µg of Human lung lysate stained with ARG64761 anti-Cytokeratin 13 antibody at 0.1 µg/ml dilution.



ARG64761 anti-Cytokeratin 13 antibody IHC image

Immunohistochemistry: Paraffin-embedded Human tonsil (steamed antigen retrieval with citrate buffer pH 6.0) stained with ARG64761 anti-Cytokeratin 13 antibody at 2.5 µg/ml dilution, followed by AP-staining.