

ARG59757 anti-Cytokeratin 13 antibody

Package: 50 µl
Store at: -20°C

Summary

Product Description	Rabbit Polyclonal antibody recognizes Cytokeratin 13
Tested Reactivity	Hu
Predict Reactivity	Ms, Rat, Cow, Dog, Gpig, Hrs, Pig, Rb, Sheep, Zfsh
Tested Application	IHC-P
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	Cytokeratin 13
Species	Human
Immunogen	Synthetic peptide around the C-terminal region of Human Cytokeratin 13. (within the following region: EAQLSELRSEMECQNQEYKMLLDIKTRLEQEIATYRSLLLEGQDAKKRQPP)
Conjugation	Un-conjugated
Alternate Names	K13; Keratin, type I cytoskeletal 13; CK-13; Cytokeratin-13; WSN2; CK13; Keratin-13

Application Instructions

Predict Reactivity Note	Predicted Homology Based On Immunogen Sequence: Cow: 100%; Dog: 100%; Guinea pig: 83%; Horse: 100%; Mouse: 100%; Pig: 100%; Rabbit: 100%; Rat: 100%; Sheep: 92%; Zebrafish: 85%				
Application table	<table><thead><tr><th>Application</th><th>Dilution</th></tr></thead><tbody><tr><td>IHC-P</td><td>4 - 8 µg/ml</td></tr></tbody></table>	Application	Dilution	IHC-P	4 - 8 µg/ml
Application	Dilution				
IHC-P	4 - 8 µg/ml				
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.				

Properties

Form	Liquid
Purification	Purification with Protein A.
Buffer	PBS, 0.09% (w/v) Sodium azide and 2% Sucrose.
Preservative	0.09% (w/v) Sodium azide
Stabilizer	2% Sucrose
Concentration	Batch dependent: 0.5 - 1 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

Gene Symbol KRT13

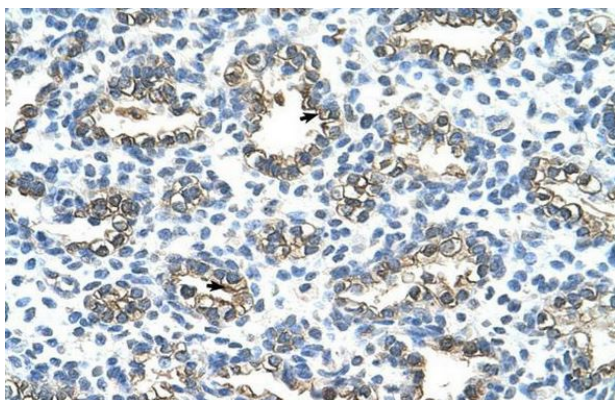
Gene Full Name keratin 13, type I

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]

Calculated Mw 50 kDa

PTM O-glycosylated; glycans consist of single N-acetylglucosamine residues. [UniProt]

Images



ARG59757 anti-Cytokeratin 13 antibody IHC-P image

Immunohistochemistry: Paraffin-embedded Human lung (alveolar cells) stained with ARG59757 anti-Cytokeratin 13 antibody at 4 - 8 µg/ml dilution.