ARG55336
anti-Cytokeratin 13 antibody

Package: 100 µl
Store at: -20°C

Summary

Product Description	Rabbit Polyclonal antibody recognizes Cytokeratin 13
Tested Reactivity	Hu, Ms, Rat
Tested Application	WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	Cytokeratin 13
Species	Human
Immunogen	Recombinant protein of Human Cytokeratin 13.
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
WB	1:500 - 1:2000

Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.
Positive Control	Rat thymus, Mouse intestine and MCF7
Observed Size	~ 50 kDa

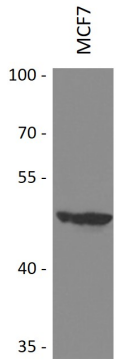
Properties

Form	Liquid
Purification	Affinity purification with immunogen.
Buffer	PBS (pH 7.3), 0.02% Sodium azide and 50% Glycerol
Preservative	0.02% Sodium azide
Stabilizer	50% Glycerol
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. 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

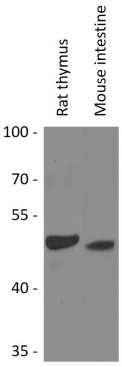
Gene Symbol	KRT13
Gene Full Name	keratin 13, type I
Background	The protein encoded by this gene is a member of the keratin gene family. The keratins are intermediate filament proteins responsible for the structural integrity of epithelial cells and are subdivided into cytokeratins and hair keratins. 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]
Research Area	Controls and Markers antibody; Signaling Transduction antibody
Calculated Mw	50 kDa
PTM	O-glycosylated; glycans consist of single N-acetylglucosamine residues.

Images



ARG55336 anti-Cytokeratin 13 antibody WB image

Western blot: 25 µg of MCF7 cell lysate stained with ARG55336 anti-Cytokeratin 13 antibody at 1:1000 dilution.



ARG55336 anti-Cytokeratin 13 antibody WB image

Western blot: 25 µg of Rat thymus and Mouse intestine lysates stained with ARG55336 anti-Cytokeratin 13 antibody at 1:1000 dilution.