Cytokeratin 13 rabbit pAb

Cat#: orb764999 (Manual)

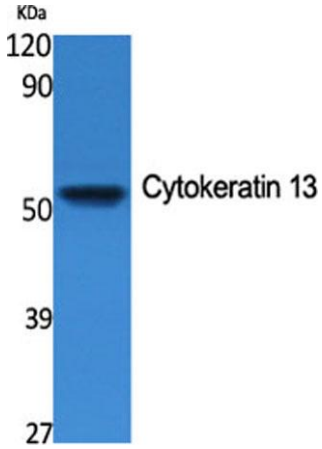
For research use only. Not intended for diagnostic use.

Product Name	Cytokeratin 13 rabbit pAb
Host species	Rabbit
Applications	WB;IHC;IF;ELISA
Species Cross-Reactivity	Human;Mouse;Rat
Recommended dilutions	Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. ELISA: 1/5000. Not yet tested in other applications.
Immunogen	The antiserum was produced against synthesized peptide derived from human Cytokeratin 13. AA range:233-282
Specificity	Cytokeratin 13 Polyclonal Antibody detects endogenous levels of Cytokeratin 13 protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide..
Storage	Store at -20°C. Avoid repeated freeze-thaw cycles.
Protein Name	Keratin type I cytoskeletal 13
Gene Name	KRT13
Cellular localization	nucleus,intermediate filament,keratin filament,intermediate filament cytoskeleton,extracellular exosome,
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Clonality	Polyclonal

Biorbyt Ltd
7 Signet Court, Swann Road, Cambridge, CB5 8LA. United Kingdom
Email: info@biorbyt.com | Phone: +44 (0)1223 859-353 | Fax: +44 (0)1223 280-240

Biorbyt LLC
68 TW Alexander Drive, Durham, NC 27709. United States
Email: info@biorbyt.com | Phone: +1 (415) 906-5211 | Fax: +1 (415) 651-8558

Concentration	1 mg/ml
Observed band	52kD
Human Gene ID	3860
Human Swiss-Prot Number	P13646
Alternative Names	KRT13; Keratin; type I cytoskeletal 13; Cytokeratin-13; CK-13; Keratin-13; K13
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],



Western Blot analysis of various cells using Cytokeratin 13 Polyclonal Antibody

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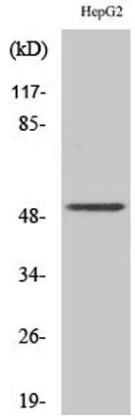
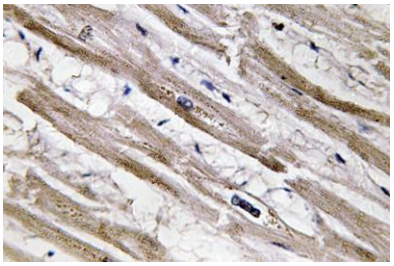
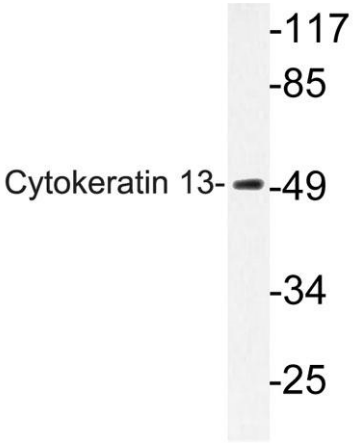


Western Blot analysis of HepG2 cells using Cytokeratin 13 Polyclonal Antibody



Immunohistochemistry analysis of Cytokeratin 13 antibody in paraffin-embedded human heart tissue.



Western blot analysis of lysate from HepG2 cells, using Cytokeratin 13 antibody.

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