

Cytokeratin-19

Purified Rabbit Polyclonal Antibody (Pab) Catalog # AP22454a

Product Information

Application WB, E **Primary Accession** P08727 Reactivity Human Host Rabbit Clonality polyclonal Isotype Rabbit Ig **Clone Names** R03360 Calculated MW 44106

Additional Information

Gene ID 3880

Other Names Keratin, type I cytoskeletal 19, Cytokeratin-19, CK-19, Keratin-19, K19, KRT19

Target/SpecificityThis antibody is generated from a rabbit immunized with a KLH conjugated

synthetic peptide between amino acids from human.

Dilution WB~~1:2000 E~~Use at an assay dependent concentration.

Format Purified polyclonal antibody supplied in PBS with 0.05% (V/V) Proclin 300. This

antibody is purified through a protein A column, followed by peptide affinity

purification.

Storage Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store

at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions Cytokeratin-19 is for research use only and not for use in diagnostic or

therapeutic procedures.

Protein Information

Name KRT19

Function Involved in the organization of myofibers. Together with KRT8, helps to link

the contractile apparatus to dystrophin at the costameres of striated muscle.

Tissue Location Expressed in a defined zone of basal keratinocytes in the deep outer root

sheath of hair follicles. Also observed in sweat gland and mammary gland ductal and secretory cells, bile ducts, gastrointestinal tract, bladder urothelium, oral epithelia, esophagus, ectocervical epithelium (at protein

level). Expressed in epidermal basal cells, in nipple epidermis and a defined region of the hair follicle. Also seen in a subset of vascular wall cells in both the veins and artery of human umbilical cord, and in umbilical cord vascular smooth muscle. Observed in muscle fibers accumulating in the costameres of myoplasm at the sarcolemma in structures that contain dystrophin and spectrin.

Background

Involved in the organization of myofibers. Together with KRT8, helps to link the contractile apparatus to dystrophin at the costameres of striated muscle.

References

Stasiak P.C., et al. Nucleic Acids Res. 15:10058-10058(1987).

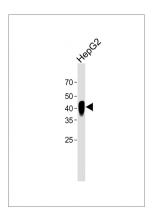
Bader B.L., et al. Eur. J. Cell Biol. 47:300-319(1988).

Eckert R.L., et al. Proc. Natl. Acad. Sci. U.S.A. 85:1114-1118(1988).

Stasiak P.C., et al. J. Invest. Dermatol. 92:707-716(1989).

Whittock N.V., et al. Biochem. Biophys. Res. Commun. 267:462-465(2000).

Images



All lanes: Anti-Cytokeratin-19 at 1:2000 dilution + HepG2 whole cell lysate Lysates/proteins at 20 µg per lane. Secondary: Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated (ASP1615) at 1/15000 dilution. Observed band size: 44 KDa Blocking/Dilution buffer: 5% NFDM/TBST.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.