



Cytokeratin 19 (CK19)(ABT34R)rabbit pAb

货号	YP-Ab-17949
同位型	IgG
应用	IHC;WB; ELISA
种属	Human
靶点	Cytokeratin 19
简介	>>Estrogen signaling pathway;>>Staphylococcus aureus infection
基因名称	KRT19
蛋白名称	CK19
免疫原	Synthesized peptide derived from human CK19 AA range:300-400
特异性	This antibody detects endogenous levels of Cytokeratin 19
组成	PBS, 50% glycerol, 0.05% Proclin 300, 0.05%BSA
来源	Monoclonal, Rabbit IgG1, Kappa
稀释	IHC-p 1:100-500, WB 1:500-1000, ELISA 1:5000-20000
纯化工艺	Recombinant Expression and Affinity purified
其他名称	40 kDa keRatin intermediate filament;CK 19;CK-19;CK19;Cytokeratin 19;CytokeRatin-19;K19;K1C19_HUMAN;K1CS;KeRatin 19;KeRatin type I 40 kD;KeRatin type I 40kD;KeRatin type I cytoskeletal 19;KeRatin, type I cytoskeletal 19;KeRatin, type I, 40 kd;KeRatin-19;KRT19;MGC15366
背景	The protein encoded by this gene is a member of the keratin family. The keratins are intermediate filament proteins responsible for the structural integrity of epithelial cells and are subdivided into cytokeratins and hair keratins. The type I cytokeratins consist of acidic proteins which are arranged in pairs of heterotypic keratin chains. Unlike its related family members, this smallest known acidic cytokeratin is not paired with a basic cytokeratin in epithelial cells. It is specifically expressed in the periderm, the transiently superficial layer that envelopes the developing epidermis. The type I cytokeratins are clustered in a region of chromosome 17q12-q21. [provided by RefSeq, Jul 2008],
功能	developmental stage:Present in hair follicles at all stages of development.,domain:This keratin differs from all other IF proteins in lacking the C-terminal tail domain.,function:Involved in the organization of myofibers. Together with KRT8, helps to link the contractile apparatus to dystrophin at the costameres of striated muscle.,miscellaneous:There are two types of cytoskeletal and microfibrillar keratin: I (acidic; 40-55 kDa) and II (neutral to basic; 56-70 kDa).,similarity:Belongs to the intermediate filament family.,subunit:Heterotetramer of two type I and two type II keratins. Interacts with PNN and the actin-binding domain of DMD. Interacts with HCV core protein.,tissue specificity: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
细胞定位	Cytoplasmic, Membranous

组织表达	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.
浓度	1 mg/ml
储存	-15°C to -25°C/1 year(Do not lower than -25°C)
有关注意事项	Avoid repeated freezing and thawing!
使用建议	This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

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