Best Tools for immunology Research

Cytokeratin 17 (CK17) (ABT164R) rabbit mAb

Catalog No :	YM7258
Reactivity :	Human;(predicted: Mouse;Rat)
Applications :	IHC;WB; ELISA
Target :	Cytokeratin 17
Fields :	>>Estrogen signaling pathway;>>Staphylococcus aureus infection
Gene Name :	KRT17
Protein Name :	Keratin, type I cytoskeletal 17 (39.1) (Cytokeratin-17) (CK-17) (Keratin-17) (K17)
Human Gene Id :	3872
Human Swiss Prot No :	Q04695
Immunogen :	Synthesized peptide derived from human Cytokeratin 17 AA range:300-432
Specificity :	This antibody detects endogenous levels of Cytokeratin 17
Formulation :	PBS, 50% glycerol, 0.05% Proclin 300, 0.05%BSA
Source :	Monoclonal, Rabbit IgG1, Kappa
Dilution :	IHC 1:100-500, WB 1:500-1000, ELISA 1:5000-20000
Purification :	Recombinant Expression and Affinity purified
Storage Stability :	-15°C to -25°C/1 year(Do not lower than -25°C)
Molecularweight :	48kD
Background :	This gene encodes the type I intermediate filament chain keratin 17, expressed in nail bed, hair follicle, sebaceous glands, and other epidermal appendages. Mutations in this gene lead to Jackson-Lawler type pachyonychia congenita and

steatocystoma multiplex. [provided by RefSeq, Aug 2008],

Function : disease:Defects in KRT17 are a cause of pachyonychia congenita type 2 (PC2) [MIM:167210]; also known as pachyonychia congenita Jackson-Lawler type. PC2 is an autosomal dominant ectodermal dysplasia characterized by hypertrophic nail dystrophy resulting in onchyogryposis (thickening and increase in curvature of the nail), palmoplantar keratoderma and hyperhidrosis, follicular hyperkeratosis, multiple epidermal cysts, absent/sparse eyebrow and body hair, and by the presence of natal teeth.,disease:Defects in KRT17 are a cause of steatocystoma multiplex (SM) [MIM:184500]. SM is a disease characterized by round or oval cystic tumors widely distributed on the back, anterior trunk, arms, scrotum, and thighs.,disease:KRT16 and KRT17 are coexpressed only in pathological situations such as metaplasias and carcinomas of the uterine cervix and in psoriasis vulgaris.,function:May play a role in the

Subcellular Location : Cytoplasmic, Membranous

Expression : Expressed in the outer root sheath and medulla region of hair follicle specifically from eyebrow and beard, digital pulp, nail matrix and nail bed epithelium, mucosal stratified squamous epithelia and in basal cells of oral epithelium, palmoplantar epidermis and sweat and mammary glands. Also expressed in myoepithelium of prostate, basal layer of urinary bladder, cambial cells of sebaceous gland and in exocervix (at protein level).

Tag : recombinant

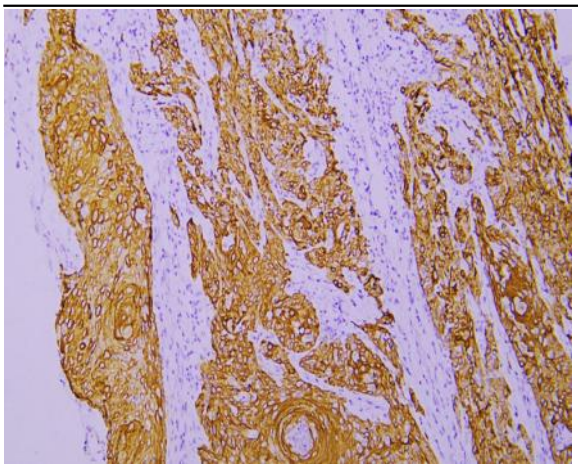
Sort : 4889

No4 : 1

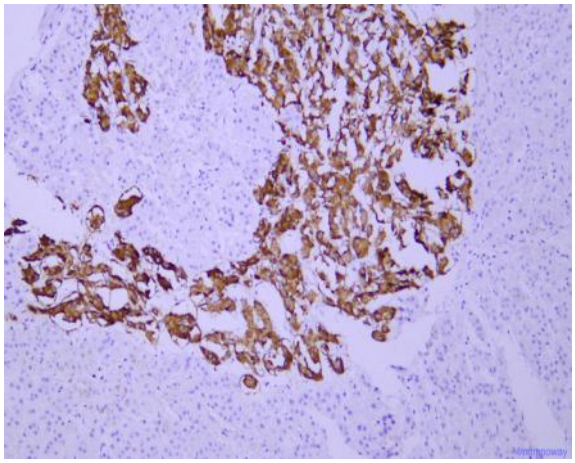
Host : Rabbit

Modifications : Unmodified

Products Images



Immunohistochemical analysis of paraffin-embedded human Cutaneous squamous carcinoma. 1, Antibody was incubated at 4° overnight. 2, TRIS-EDTA of pH8.0 was used for antigen retrieval. 3,Secondary antibody was diluted at 1:200(room temperature, 30min).



Immunohistochemical analysis of paraffin-embedded human adrenal gland Antibody was diluted at 1:200(4° overnight).