



Rabbit Anti-CK15 antibody

SL4762R

Product Name:	CK15
Chinese Name:	细胞角蛋白15抗体
Alias:	K1C15_HUMAN; Cytokeratin 15; CK 15; CK15; Cytokeratin15; K15; K1CO; Keratin 15; Keratin 15 basic; Keratin 15 beta; Keratin complex 1 acidic gene 15; Keratin type I cytoskeletal 15; Keratin15; KRT 15; KRTB; KRTL15; keratin-15, basic; Type I cytoskeletal 15.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,Mouse,Rat,Dog,Pig,Cow,Horse,Rabbit,Sheep,
Applications:	WB=1:500-2000ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800IF=1:50-200 (Paraffin sections need antigen repair) not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight:	49kDa
Cellular localization:	The nucleuscytoplasmicExtracellular matrixSecretory protein
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from human CK15:351-456/456
Lsotype:	IgG
Purification:	affinity purified by Protein A
Storage Buffer:	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage:	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
PubMed:	PubMed
Product Detail:	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 and are clustered in a region on chromosome 17q21.2. [provided by RefSeq, Jul 2008].

Subunit:

Heterotetramer of two type I and two type II keratins.

Tissue Specificity:

Expressed in a discontinuous manner in the basal cell layer of adult skin epidermis, but continuously in the basal layer of fetal skin epidermis and nail. Also expressed in the outer root sheath above the hair bulb in hair follicle (at protein level). Expressed homogeneously in all cell layers of the esophagus and exocervix, but detected in the basal cell layer only of oral mucosa, skin and in the basal plus the next two layers of the suprabasal epithelium of the palate.

Similarity:

Belongs to the intermediate filament family.

SWISS:

P19012

Gene ID:

3866

Database links:

[Entrez Gene: 3866](#)Human

[Entrez Gene: 16665](#)Mouse

[Entrez Gene: 287700](#)Rat

[Omir: 148030](#)Human

[SwissProt: P19012](#)Human

[SwissProt: Q61414](#)Mouse

[SwissProt: Q6IFV3](#)Rat

[Unigene: 654570](#)Human

[Unigene: 440010](#)Mouse

[Unigene: 153568](#)Rat

Important Note:

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

