

Product datasheet for TA377906

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Cytokeratin 14 (KRT14) Rabbit Polyclonal Antibody

Product data:

Product Type: Primary Antibodies

Applications: ICC/IF, IHC, WB

Recommended Dilution: WB,1:500 - 1:2000

IHC,1:50 - 1:100 IF,1:50 - 1:100

Reactivity: Human, Mouse, Rat

Modifications: Unmodified

Host: Rabbit

Isotype: IgG

Clonality: Polyclonal

Immunogen: A synthetic peptide corresponding to a sequence within amino acids 400 to the C-terminus of

human Cytokeratin 14 (Cytokeratin 14 (KRT14)) (NP_000517.2).

Formulation: Buffer: PBS with 0.02% sodium azide,50% glycerol,pH7.3.

Concentration: lot specific

Purification: Affinity purification

Conjugation: Unconjugated

Storage: Store at -20°C. Avoid freeze / thaw cycles.

Stability: Shelf life: one year from despatch.

Predicted Protein Size: 51kDa

Gene Name: keratin 14

Database Link: Entrez Gene 3861 Human

P02533

Background: This gene encodes a member of the keratin family, the most diverse group of intermediate

filaments. This gene product, a type I keratin, is usually found as a heterotetramer with two keratin 5 molecules, a type II keratin. Together they form the cytoskeleton of epithelial cells. Mutations in the genes for these keratins are associated with epidermolysis bullosa simplex.

At least one pseudogene has been identified at 17p12-p11.

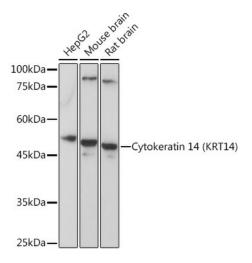




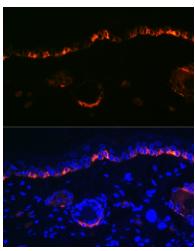
Synonyms:

CK-14; CK14; Cytokeratin-14; EBS3; EBS4; K14; Keratin-14; NFJ

Product images:

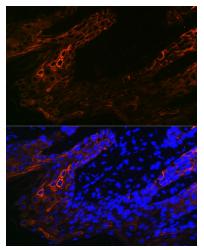


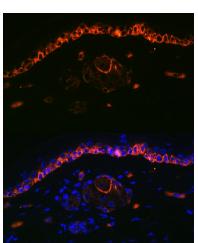
Western blot analysis of extracts of various cell lines, using Cytokeratin 14 (Cytokeratin 14 (KRT14)) Rabbit pAb (TA377906) at 1:5000 dilution. | Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. | Lysates/proteins: 25ug per lane. | Blocking buffer: 3% nonfat dry milk in TBST. | Detection: ECL Basic Kit. | Exposure time: 30s.



Immunofluorescence analysis of Rat skin cells using Cytokeratin 14 (Cytokeratin 14 (KRT14)) antibody (TA377906) at dilution of 1:100. Blue: DAPI for nuclear staining.







Immunofluorescence analysis of Human skin cells using Cytokeratin 14 (Cytokeratin 14 (KRT14)) antibody (TA377906) at dilution of 1:100. Blue: DAPI for nuclear staining.

Immunofluorescence analysis of Mouse skin cells using Cytokeratin 14 (Cytokeratin 14 (KRT14)) antibody (TA377906) at dilution of 1:100. Blue: DAPI for nuclear staining.