

## KRT16

**Reactivity:**Human Mouse Rat

**Tested applications:**WB IHC

**Recommended Dilution:**WB 1:500 - 1:2000 IHC 1:50 - 1:200

**Calculated MW:**51kDa

**Observed MW:**Refer to figures

**Immunogen:**

A synthetic peptide of human KRT16

**Storage Buffer:**

Store at -20. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

**Synonym:**

K16; PC1; CK16; K1CP; NEPPK; FNEPPK; KRT16A;

**Catalog #:**A2871

**Antibody Type:**

Polyclonal Antibody

**Species:**Rabbit

**Gene ID:**3868

**Isotype:**IgG

**Swiss Prot:**P08779

**Purity:**Affinity purification

For research use only.

**Background:**

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 of chromosome 17q12-q21. This keratin has been coexpressed with keratin 14 in a number of epithelial tissues, including esophagus, tongue, and hair follicles. Mutations in this gene are associated with type 1 pachyonychia congenita, non-epidermolytic palmoplantar keratoderma and unilateral palmoplantar verrucous nevus.

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