

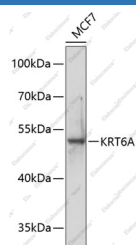
## KRT6A Polyclonal Antibody

catalog number: E-AB-67891

**Note:** Centrifuge before opening to ensure complete recovery of vial contents.

| Description  |                                                                                    |
|--------------|------------------------------------------------------------------------------------|
| Reactivity   | Human                                                                              |
| Immunogen    | Recombinant fusion protein of human KRT6A (NP_005545.1).                           |
| Host         | Rabbit                                                                             |
| Isotype      | Rabbit IgG                                                                         |
| Purification | Affinity purification                                                              |
| Buffer       | Phosphate buffered solution, pH 7.4, containing 0.05% stabilizer and 50% glycerol. |
| Applications | Recommended Dilution                                                               |
| WB           | 1:500-1:2000                                                                       |

## Data



Western blot analysis of extracts of MCF-7 cells using KRT6A Polyclonal Antibody at dilution of 1:1000.

**Observed-MW:50 kDa**

**Calculated-MW:60 kDa**

| Preparation & Storage |                                                                                                          |
|-----------------------|----------------------------------------------------------------------------------------------------------|
| Storage               | Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.                                          |
| Shipping              | The product is shipped with ice pack, upon receipt, store it immediately at the temperature recommended. |

## Background

The protein encoded by this gene is a member of the keratin gene family. The type II cytokeratins consist of basic or neutral proteins which are arranged in pairs of heterotypic keratin chains coexpressed during differentiation of simple and stratified epithelial tissues. As many as six of this type II cytokeratin (KRT6) have been identified; the multiplicity of the genes is attributed to successive gene duplication events. The genes are expressed with family members KRT16 and/or KRT17 in the filiform papillae of the tongue, the stratified epithelial lining of oral mucosa and esophagus, the outer root sheath of hair follicles, and the glandular epithelia. This KRT6 gene in particular encodes the most abundant isoform. Mutations in these genes have been associated with pachyonychia congenita. In addition, peptides from the C-terminal region of the protein have antimicrobial activity against bacterial pathogens. The type II cytokeratins are clustered in a region of chromosome 12q12-q13.

## For Research Use Only

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