

## CK-7 Polyclonal Antibody

**catalog number:** E-AB-70092

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

### Description

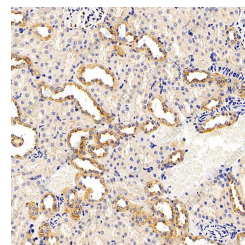
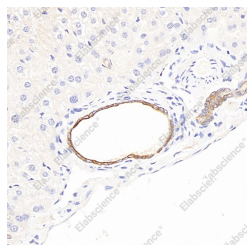
|                     |                                                                                                           |
|---------------------|-----------------------------------------------------------------------------------------------------------|
| <b>Reactivity</b>   | Mouse;Rat                                                                                                 |
| <b>Immunogen</b>    | KLH conjugated Synthetic peptide corresponding to Mouse Cytokeratin 7                                     |
| <b>Host</b>         | Rabbit                                                                                                    |
| <b>Isotype</b>      | Rabbit IgG                                                                                                |
| <b>Purification</b> | Affinity purification                                                                                     |
| <b>Buffer</b>       | Phosphate buffered solution, pH 7.4, containing 0.05% stabilizer, 1% protein protectant and 50% glycerol. |

### Applications

### Recommended Dilution

|     |             |
|-----|-------------|
| IHC | 1:200-1:500 |
|-----|-------------|

### Data



Immunohistochemistry analysis of paraffin-embedded mouse liver using CK-7 Polyclonal Antibody at dilution of 1:300. Immunohistochemistry analysis of paraffin-embedded rat kidney using CK-7 Polyclonal Antibody at dilution of 1:200.

### Preparation & Storage

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

### Background

Keratins are a large family of proteins that form the intermediate filament cytoskeleton of epithelial cells, which are classified into two major sequence types. Type I keratins are a group of acidic intermediate filament proteins, including K9–K23, and the hair keratins Ha1–Ha8. Type II keratins are the basic or neutral counterparts to the acidic type I keratins, including K1–K8, and the hair keratins, Hb1–Hb6. KRT7, also named as cytokeratin 7, is one member of type II basic cytokeratin. It is specifically expressed in the simple epithelia lining the cavities of the internal organs and in the gland ducts and blood vessels, and their neoplasms. KRT7 is marker of epithelial tissues, but not present in carcinomas of stratified squamous cell origin. This antibody is specifically against KRT7.

### For Research Use Only

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