

## Erbin Rabbit pAb

CatalogNo: YT7875

### Key Features

**Host Species**

- Rabbit

**Reactivity**

- Human, Mouse

**Applications**

- WB, ELISA

**MW**

- 155kD (Calculated)

**Isotype**

- IgG

### Recommended Dilution Ratios

**WB 1:1000-2000****ELISA 1:5000-20000**

### Storage

**Storage\***

-15°C to -25°C/1 year (Do not lower than -25°C)

**Formulation**

Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

### Basic Information

**Clonality**

Polyclonal

### Immunogen Information

**Immunogen**

Synthesized peptide derived from human Erbin

**Specificity**

This antibody detects endogenous levels of Human Erbin Polyclonal Antibody

### Target Information

**Gene name**

ERBB2IP ERBIN KIAA1225 LAP2

|                       |   |                        |                         |
|-----------------------|---|------------------------|-------------------------|
| Protein Name          | Erbin Polyclonal Antibody   |                        |                         |
|                       | Organism  | Gene ID                | UniProt ID              |
|                       | Human   | <a href="#">55914;</a> | <a href="#">Q96RT1;</a> |
|                       | Mouse   | <a href="#">59079;</a> | <a href="#">Q80TH2;</a> |
| Cellular Localization | Cell junction, hemidesmosome . Nucleus membrane . Basolateral cell membrane . Found in hemidesmosomes, which are cell-substrate adhesion complexes in stratified epithelia. In transfected cells, either diffusely distributed over the cytoplasm or concentrated at the basolateral membrane. Colocalizes with the adrenergic receptors, ADREN1A and ADREN1B, at the nuclear membrane of cardiac myocytes (By similarity). .   |                        |                         |
| Tissue specificity    | Highly expressed in brain, heart, kidney, muscle and stomach, followed by liver, spleen and intestine.  |                        |                         |
| Function              | Function:Acts as an adapter for the receptor ERBB2, in epithelia. By binding the unphosphorylated 'Tyr-1248' of receptor ERBB2, it may contribute to stabilize this unphosphorylated state.,sequence Caution:Contaminating sequence. Potential poly-A sequence.,similarity:Belongs to the LAP (LRR and PDZ) protein family.,similarity:Contains 1 PDZ (DHR) domain.,similarity:Contains 17 LRR (leucine-rich) repeats.,subcellular location:Found in hemidesmosomes, which are cell-substrate adhesion complexes in stratified epithelia. In transfected cells, either diffusely distributed over the cytoplasm or concentrated at the basolateral membrane.,subunit:Interacts with ERBB2, BPAG1 and ITGB4. May favor the localization of ERBB2, by restricting its presence to the basolateral membrane of epithelial cells. Also found to interact with ARVCF and delta catenin.,tissue specificity:Highly expressed in brain, heart, kidney, muscle and stomach, followed by liver, spleen and intestine., |                        |                         |

## | Validation Data

## | Contact information

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