

## FKBP4 Polyclonal Antibody

catalog number: E-AB-52964

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

### Description

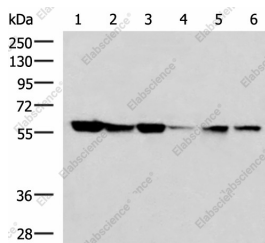
|              |                                                                                    |
|--------------|------------------------------------------------------------------------------------|
| Reactivity   | Human;Mouse;Rat                                                                    |
| Immunogen    | Fusion protein of human FKBP4                                                      |
| Host         | Rabbit                                                                             |
| Isotype      | Rabbit IgG                                                                         |
| Purification | Antigen affinity purification                                                      |
| Buffer       | Phosphate buffered solution, pH 7.4, containing 0.05% stabilizer and 50% glycerol. |

### Applications

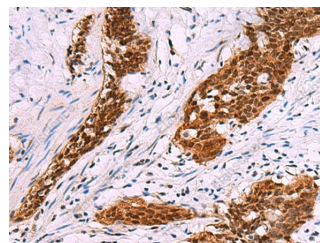
### Recommended Dilution

|     |               |
|-----|---------------|
| WB  | 1:1000-1:5000 |
| IHC | 1:50-1:300    |

### Data



Western blot analysis of 293T 231 K562 Jurkat and Hela cell lysates using FKBP4 Polyclonal Antibody at dilution of 1:700



Immunohistochemistry of paraffin-embedded Human esophagus cancer tissue using FKBP4 Polyclonal Antibody at dilution of 1:50(×200)

Observed-MW: Refer to figures

Calculated-MW: 52 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

FKBP52 (FK506 binding protein 4) is a member of the immunophilin protein family that comprises intracellular protein effectors of immunosuppressive drugs, and it is known as a steroid receptor-associated protein. As a novel regulator of microtubule dynamics, FKBP52 is associated with the motor protein dynein and with the cytoskeleton during mitosis. FKBP52 is highly expressed in CNS regions susceptible to Alzheimer's, and plays a role in modulating toxicity of Aβ peptides. The protein can associate with the Tau function, and may help to decipher and modulate the events involved in Tau-induced neurodegeneration. In addition, FKBP52 is likely to play a role in growth and development of the male genitalia.

### For Research Use Only

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