



## **Rabbit anti Tpd52 (Tumor Protein D52) Polyclonal Antibody**

**Alternative Name(s): tumor protein D52**

### **Order Information**

- **Description:** Tpd52 (Tumor Protein D52)
- **Catalogue:** 600-610
- **Lot:** See label
- **Size:** 100ug/200ul
- **Host:** Rabbit
- **Clone:** nan
- **Application:** IHC(P), WB
- **Reactivity:** Ms, Rt, Hu, Ck, Bv

### **ANTIGEN PREPARATION**

A synthetic peptide corresponding to the internal sequence of tumor protein D52 (Tpd52). This sequence is identical to mouse, rat, human, chicken and bovine origins.

### **BACKGROUND**

Tumor protein D52 (Tpd52), a ~24 kDa protein, was originally identified through its elevated expression level in human breast carcinoma. It may play roles in calcium-mediated signal transduction and cell proliferation. Tpd52 is involved in transformation and metastasis and has been shown to be over-expressed in tumor cells compared to normal cells and tissues. It might be a significant biomarker in tumor diagnosis.

### **PURIFICATION**

The Rabbit IgG is purified by Epitope Affinity Purification

### **FORMULATION**

This affinity purified antibody is supplied in sterile Phosphatebuffered saline (pH7.2) containing antibody stabilizer

### **SPECIFICITY**

This antibody recognizes ~24 kDa of Tpd52 protein. It reacts with human, mouse and rat. The other species are not tested.

### **STORAGE**

The antibodies are stable for 24 months from date of receipt when stored at -20oC to -70oC. The antibodies can be stored at 2oC-8oC for three month without detectable loss of activity. Avoid repeated freezing-thawing cycles.

### **APPLICATIONS/SUGGESTED WORKING DILUTIONS\***

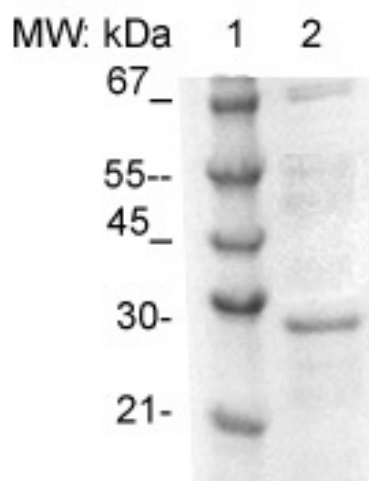
- Western Blot: 0.1-1 µg/ml
- ELISA: 0.01-0.1 µg/ml
- Immunoprecipitation: 2-5 µg/ml
- IHC: 2-10 µg/ml
- Flow cytometry: Not tested
- Molecular Weight: 24.0
- Positive Control: Kidney Tissue
- Cellular Location: Cell Membrane

\*Optimal dilutions should be determined by researchers for the specific applications.

### **FOR RESEARCH USE ONLY.**

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## DATA ATTACHMENTS



Western Blot: The Cell lysate derived from MCF-7 (Lane 2) were resolved onto 12% SDS-PAGE, transferred onto NC membrane, and immuno-blotted by Rabbit anti Tpd52 (Cat#600-610) at 1:500. An immunoreactive band around ~24 kDa was observed.

## REFERENCES

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