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## HIGH PERFORMANCE ANTIBODIES ... AND MORE

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## **THUMPD2 Antibody**

CATALOG NUMBER: 26-363



Antibody used in WB on Human Placenta at 0.2-1 ug/ml.

| Specifications              |  |
|-----------------------------|--|
| SPECIES REACTIVITY:         | Human  |
| TESTED APPLICATIONS:        | ELISA, WB  |
| APPLICATIONS:               | THUMPD2 antibody can be used for detection of THUMPD2 by ELISA at 1:312500. THUMPD2 antibody can be used for detection of THUMPD2 by western blot at 1 ug/mL, and HRP conjugated secondary antibody should be diluted 1:50,000 - 100,000.  |
| USER NOTE:                  | Optimal dilutions for each application to be determined by the researcher.   |
| POSITIVE CONTROL:           | 1) Cat. No. 1309 - Human Placenta Lysate   |
| PREDICTED MOLECULAR WEIGHT: | 53 kDa   |
| IMMUNOGEN:                  | Antibody produced in rabbits immunized with a synthetic peptide corresponding a region of human THUMPD2.   |
| HOST SPECIES:               | Rabbit   |
| Properties                  |  |
| •                           | Authorities will add to control of the control of t |
| PURIFICATION:               | Antibody is purified by peptide affinity chromatography method.  |
| PHYSICAL STATE:             | Lyophilized  |
| BUFFER:                     | Antibody is lyophilized in PBS buffer with 2% sucrose. Add 50 uL of distilled water. Final antibody concentration is 1 mg/mL.  |
| CONCENTRATION:              | 1 mg/ml  |
| STORAGE CONDITIONS:         | For short periods of storage (days) store at 4°C. For longer periods of storage, store THUMPD2 antibody at - 20°C. As with any antibody avoid repeat freeze-thaw cycles.   |
| CLONALITY:                  | Polyclonal   |
| CONJUGATE:                  | Unconjugated   |
| Additional Info             |  |
| ALTERNATE NAMES:            | THUMPD2, C2orf8, MGC2454   |
| ACCESSION NO.:              | NP_079540  |
| PROTEIN GI NO.:             | 254553431  |

| OFFICIAL SYMBOL: | THUMPD2  |
|------------------|--|
| GENE ID:         | 80745  |
| Background       |  |
| BACKGROUND:      | THUMPD2 belongs to the methyltransferase superfamily. It contains 1 THUMP domain. The function of the THUMPD2 protein remains unknown. |
| REFERENCES:      | 1) Zhang, Y., Cytogenet. Cell Genet. 95 (3-4), 146-152 (2001).   |

## FOR RESEARCH USE ONLY

December 12, 2016