

# Product Data Sheet

## Anti-MTGR1 Antibody

| Catalog #                | Source  | Reactivity | Applications |
|--------------------------|---|------------|--------------|
| CQA1519                  | Rabbit  | H, M, R    | WB, IF/IC    |
| <b>Description</b>       | Rabbit polyclonal antibody to MTGR1   |            |              |
| <b>Immunogen</b>         | Recombinant full length protein of human MTGR1  |            |              |
| <b>Purification</b>      | The antibody was purified by immunogen affinity chromatography.   |            |              |
| <b>Specificity</b>       | Recognizes endogenous levels of MTGR1 protein.  |            |              |
| <b>Clonality</b>         | Polyclonal  |            |              |
| <b>Conjugation</b>       |   |            |              |
| <b>Form</b>              | Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.   |            |              |
| <b>Dilution</b>          | WB (1/500 - 1/2000), IF/IC (1/50 - 1/100)   |            |              |
| <b>Gene Symbol</b>       | CBFA2T2   |            |              |
| <b>Alternative Names</b> | EHT; MTGR1; Protein CBFA2T2; ETO homologous on chromosome 20; MTG8-like protein; MTG8-related protein 1; Myeloid translocation-related protein 1; p85 |            |              |
| <b>Entrez Gene</b>       | 9139 (Human); 12396 (Mouse)   |            |              |
| <b>SwissProt</b>         | O43439 (Human); O70374 (Mouse)  |            |              |
| <b>Storage/Stability</b> | Shipped at 4°C. Upon delivery aliquot and store at -20°C for one year. Avoid freeze/thaw cycles.  |            |              |

**Application key:** E- ELISA, WB- Western blot, IH- Immunohistochemistry, IF- Immunofluorescence, FC- Flow cytometry, IC- Immunocytochemistry, IP- Immunoprecipitation, ChIP- Chromatin Immunoprecipitation, EMSA- Electrophoretic Mobility Shift Assay, BL- Blocking, SE- Sandwich ELISA, CBE- Cell-based ELISA, RNAi- RNA interference

**Species reactivity key:** H- Human, M- Mouse, R- Rat, B- Bovine, C- Chicken, D- Dog, G- Goat, Mk- Monkey, P- Pig, Rb- Rabbit, S- Sheep, Z- Zebrafish

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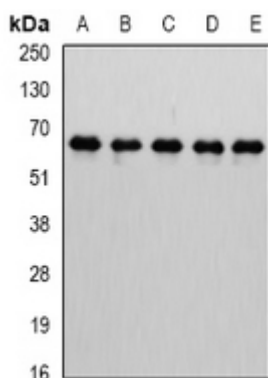
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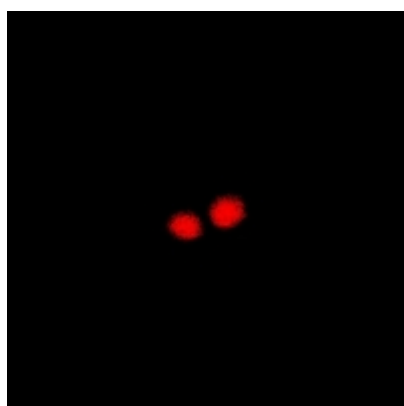
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Western blot analysis of MTGR1 expression in Jurkat (A), HepG2 (B), mouse testis (C), mouse kidney (D), rat brain (E) whole cell lysates. (Predicted band size: 28; 63; 65; 67 kD; Observed band size: 67 kD)



Immunofluorescent analysis of MTGR1 staining in U2OS cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a humidified chamber. Cells were washed with PBST and incubated with a DyLight 594-conjugated secondary antibody (red) in PBS at room temperature in the dark.

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