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# Product datasheet for TA378575

## C2ORF25 (MMADHC) Rabbit Polyclonal Antibody

### Product data:

| | |
|---|---|
| **Product Type:** | Primary Antibodies |
| **Applications:** | WB |
| **Recommended Dilution:** | WB,1:500 - 1:2000 |
| **Reactivity:** | Human, Mouse, Rat |
| **Modifications:** | Unmodified |
| **Host:** | Rabbit |
| **Isotype:** | IgG |
| **Clonality:** | Polyclonal |
| **Immunogen:** | Recombinant fusion protein containing a sequence corresponding to amino acids 1-296 of human MMADHC (NP_056517.1). |
| **Formulation:** | Buffer: PBS with 0.02% sodium azide,50% glycerol,pH7.3. |
| **Concentration:** | lot specific |
| **Purification:** | Affinity purification |
| **Conjugation:** | Unconjugated |
| **Storage:** | Store at -20°C. Avoid freeze / thaw cycles. |
| **Stability:** | Shelf life: one year from despatch. |
| **Predicted Protein Size:** | 32kDa |
| **Gene Name:** | methylmalonic aciduria and homocystinuria, cblD type |
| **Database Link:** | Entrez Gene 27249 Human<br>Q9H3L0 |
| **Background:** | This gene encodes a mitochondrial protein that is involved in an early step of vitamin B12 metabolism. Vitamin B12 (cobalamin) is essential for normal development and survival in humans. Mutations in this gene cause methylmalonic aciduria and homocystinuria type cblD (MMADHC), a disorder of cobalamin metabolism that is characterized by decreased levels of the coenzymes adenosylcobalamin and methylcobalamin. Pseudogenes have been identified on chromosomes 11 and X. |
| **Synonyms:** | C2orf25; cblD; CL25022; OTTHUMP00000204371 |

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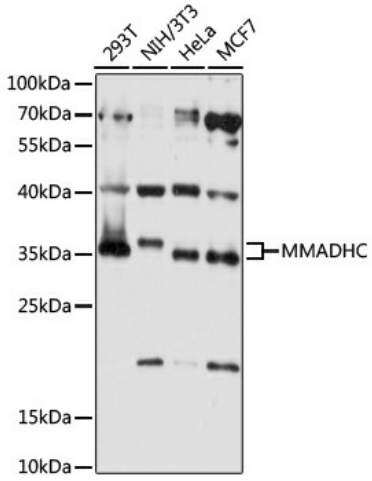
## Product images:




Western blot analysis of extracts of various cell lines, using MMADHC antibody (TA378575) at 1:1000 dilution.|Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution.|Lysates/proteins: 25ug per lane.|Blocking buffer: 3% nonfat dry milk in TBST.|Detection: ECL Basic Kit .|Exposure time: 10s.