

## CAB14141

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### Product Information

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|---------------------|----------|----------------------|--------|--------------------|-------------|
| <b>Product SKU:</b> | CAB14141 | <b>Gene ID:</b>      | 55270  | <b>Size:</b>       | 20uL, 100uL |
| <b>Clone No:</b>    | -        | <b>Host Species:</b> | Rabbit | <b>Reactivity:</b> | Mouse,Rat   |

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### Additional Information

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| <b>Observed MW:</b>   | 19kDa | <b>Conjugate:</b> | Unconjugated |
| <b>Calculated MW:</b> | 19kDa | <b>Isotype:</b>   | IgG          |

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### Immunogen Information

**Background:** This gene encodes an enzyme that belongs to the Nudix hydrolase superfamily. Members of this superfamily catalyze the hydrolysis of nucleoside diphosphates, including substrates like 8-oxo-dGTP, which are a result of oxidative damage, and can induce base mispairing during DNA replication, causing transversions. The encoded enzyme is a negative regulator of thiopurine activation and toxicity. Mutations in this gene result in poor metabolism of thiopurines, and are associated with thiopurine-induced early leukopenia. Multiple pseudogenes of this gene have been identified.

**Recommended Dilution:** WB,1:500 - 1:2000 IHC-P,1:100 - 1:200

**Synonyms:** MTH2; NUDT15D; NUDT15

**Purification Method:** Affinity purification

**Immunogen:** Recombinant fusion protein containing a sequence corresponding to amino acids 1-164 of human NUDT15 (NP\_060753.1).

**Storage:** Store at -20°C. Avoid freeze / thaw cycles.Buffer: PBS with 0.02% sodium azide,50% glycerol,pH7.3.