

**CAB8368**

## Product Information

<b>Product SKU:</b>	CAB8368	<b>Gene ID:</b>	55270	<b>Size:</b>	20uL, 100uL
<b>Clone No:</b>	-	<b>Host Species:</b>	Rabbit	<b>Reactivity:</b>	Human,Mouse,Rat

## Additional Information

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

## 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,1:50 - 1:100

**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.