

CAB1573

---

## Product Information

<b>Product SKU:</b>	CAB1573	<b>Gene ID:</b>	2	<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>	163kDa	<b>Conjugate:</b>	Unconjugated
<b>Calculated MW:</b>	163kDa	<b>Isotype:</b>	IgG

---

## Immunogen Information

**Background:** The protein encoded by this gene is a protease inhibitor and cytokine transporter. It uses a bait-and-trap mechanism to inhibit a broad spectrum of proteases, including trypsin, thrombin and collagenase. It can also inhibit inflammatory cytokines, and it thus disrupts inflammatory cascades. Mutations in this gene are a cause of alpha-2-macroglobulin deficiency. This gene is implicated in Alzheimer's disease (AD) due to its ability to mediate the clearance and degradation of A-beta, the major component of beta-amyloid deposits. A related pseudogene, which is also located on the p arm of chromosome 12, has been identified.

**Recommended Dilution:** WB,1:500 - 1:1000

**Synonyms:** A2MD; CPAMD5; FWP007; S863-7; Alpha-2-Macroglobulin (A2M)

**Purification Method:** Affinity purification

**Immunogen:** Recombinant fusion protein containing a sequence corresponding to amino acids 1155-1474 of human Alpha-2-Macroglobulin (Alpha-2-Macroglobulin (A2M)) (NP\_000005.2).

**Storage:** Store at -20°C. Avoid freeze / thaw cycles.Buffer: PBS with 0.01% thimerosal,50% glycerol,pH7.3.