

## CAB17367

### Product Information

<b>Product SKU:</b>	CAB17367	<b>Gene ID:</b>	23551	<b>Size:</b>	20uL, 100uL
<b>Clone No:</b>	-	<b>Host Species:</b>	Rabbit	<b>Reactivity:</b>	Human,Mouse

### Additional Information

<b>Observed MW:</b>	30kDa	<b>Conjugate:</b>	-
<b>Calculated MW:</b>	30kDa	<b>Isotype:</b>	IgG

### Immunogen Information

**Background:** This gene belongs to the Ras superfamily of small GTPases and is enriched in the striatum. The encoded protein functions as an E3 ligase for attachment of small ubiquitin-like modifier (SUMO). This protein also binds to mutant huntingtin (mHtt), the protein mutated in Huntington disease (HD). Sumoylation of mHTT by this protein may cause degeneration of the striatum. The protein functions as an activator of mechanistic target of rapamycin 1 (mTOR1), which in turn plays a role in myelination, axon growth and regeneration. Reduced levels of mRNA expressed by this gene were found in HD patients.

<b>Recommended Dilution:</b>	WB,1:500 - 1:1000
<b>Synonyms:</b>	Rhes; TEM2; RASD2
<b>Purification Method:</b>	Affinity purification
<b>Immunogen:</b>	Recombinant fusion protein containing a sequence corresponding to amino acids 135-263 of human RASD2 (NP_055125.2).
<b>Storage:</b>	Store at -20°C. Avoid freeze / thaw cycles.Buffer: PBS with 0.01% thimerosal,50% glycerol,pH7.3.