

## CAB1616

---

### Product Information

<b>Product SKU:</b>	CAB1616	<b>Gene ID:</b>	1459	<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>	40kDa	<b>Conjugate:</b>	Unconjugated
<b>Calculated MW:</b>	41kDa	<b>Isotype:</b>	IgG

---

### Immunogen Information

<b>Background:</b>	This gene encodes the alpha', or alpha 2, catalytic subunit of the protein kinase enzyme, casein kinase 2 (CK2). Casein kinase 2 is a serine/threonine protein kinase that phosphorylates acidic proteins such as casein. It is involved in various cellular processes, including cell cycle control, apoptosis, and circadian rhythms. This heterotetrameric kinase includes two catalytic subunits, either alpha or alpha', and two regulatory beta subunits. The closely related gene paralog encoding the alpha, or alpha 1 subunit (CSNK2A1, Gene ID: 1457) is found on chromosome 20. An intronic variant in this gene (alpha 2) may be associated with leukocyte telomere length in a South Asian population. A related transcribed pseudogene is found on chromosome 11.
<b>Recommended Dilution:</b>	WB,1:500 - 1:1000 IF/ICC,1:50 - 1:200
<b>Synonyms:</b>	CK2A2; CSNK2A1; CK2alpha'; CSNK2A2
<b>Purification Method:</b>	Affinity purification
<b>Immunogen:</b>	A synthetic peptide corresponding to a sequence within amino acids 250-350 of human CSNK2A2 (NP_001887.1).
<b>Storage:</b>	Store at -20°C. Avoid freeze / thaw cycles.Buffer: PBS with 0.05% proclin300,50% glycerol,pH7.3.