

## Product datasheet for **TA389737**

### Chek2 Rabbit Polyclonal Antibody

#### Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB,1:500 - 1:1000
Reactivity:	Human, Mouse
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Formulation:	PBS with 0.05% proclin300,50% glycerol,pH7.3.
Concentration:	lot specific
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Gene Name:	checkpoint kinase 2
Database Link:	<a href="#">Entrez Gene 50883 Mouse Q9Z265</a>

**Background:** Enables protein kinase activity. Acts upstream of or within cellular response to gamma radiation; peptidyl-serine phosphorylation; and signal transduction by p53 class mediator. Predicted to be located in Golgi apparatus and PML body. Predicted to be active in cytoplasm and nucleus. Predicted to colocalize with chromosome, telomeric region. Is expressed in several structures, including central nervous system; genitourinary system; and liver. Human ortholog(s) of this gene implicated in several diseases, including Li-Fraumeni syndrome 2; breast cancer (multiple); colorectal cancer; osteosarcoma; and prostate cancer. Orthologous to human CHEK2 (checkpoint kinase 2).

**Synonyms:** bA444G7; CDS1; CHK2; HuCds1; LFS2; OTTHUMP00000199044; OTTHUMP00000199045; OTTHUMP00000199116; PP1425; RAD53



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