

## Product datasheet for **TA392671**

### Rabbit Polyclonal Antibody

#### Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB:1:500~1:1000
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Synthetic peptide, corresponding to amino acids 163-213 of Human AURKB.
Specificity:	AURKB/C (K197) polyclonal antibody detects endogenous levels of AURKB and AURKC protein.
Formulation:	Rabbit IgG, 1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.2
Concentration:	1mg/ml
Conjugation:	Unconjugated
Storage:	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze-thaw cycles.
Stability:	1 year
Predicted Protein Size:	~ 55, 40, 45 kDa
Database Link:	<a href="#">Q96GD4/Q9UQB9</a>
Background:	Aurora kinases belong to a highly conserved family of mitotic serine/threonine kinases with three members identified among mammals: Aurora A, B, and C. Studies on the temporal expression pattern and subcellular localization of Aurora kinases in mitotic cells suggest an association with mitotic structure. Aurora kinase functional influences span from G2 phase to cytokinesis and may be involved in key cell cycle events such as centrosome duplication, chromosome bi-orientation and segregation, cleavage furrow positioning, and ingression.

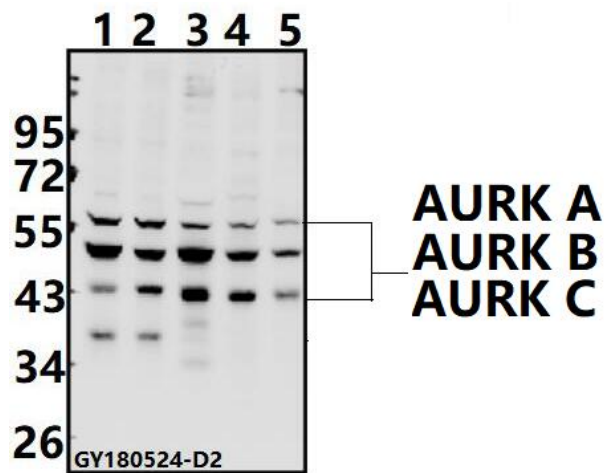
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**Synonyms:**

AIE2; AIK2; AIK3; AIM-1; AIM1; AIRK2; AIRK3; ARK-2; ARK-3; ARK2; ARK3; AURKB; AURKC; Aurora- and IPL1-like midbody-associated protein 1; Aurora-related kinase 2; Aurora-related kinase 3; Aurora/IPL1-related kinase 2; Aurora/IPL1-related kinase 3; Aurora/IPL1/Eg2 protein 2; Aurora 1; Aurora 3; Aurora kinase B; Aurora kinase C; Serine/threonine-protein kinase 5; Serine/threonine-protein kinase 12; Serine/threonine-protein kinase 13; Serine/threonine-protein kinase aurora-B; Serine/threonine-protein kinase aurora-C; STK-1; STK1; STK5; STK12; STK13

**Note:**

For research use only, not for use in diagnostic procedure.

**Product images:**


Western blot (WB) analysis of AURKB/C (K197) pAb at 1:500 dilution Lane1:H1792 whole cell lysate(40ug) Lane2:HCT116 whole cell lysate(40ug) Lane3:LOVO whole cell lysate(40ug) Lane4:AML-12 whole cell lysate(40ug) Lane5:PMVEC whole cell lysate(40ug)