

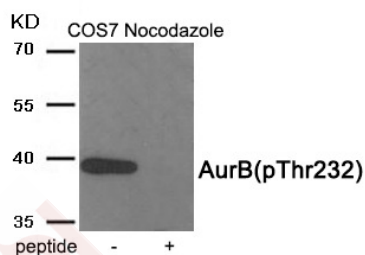
Anti-Phospho-AURKB (Thr232) Polyclonal Antibody

Product Details

Ig Type:	IgG
Reactivity:	Human,Mouse,Rat
Conjugation:	Unconjugated
Molecular Weight:	Actual: 39 kDa.
Purification:	Antibodies were produced by immunizing rabbits with synthetic phosphopeptide and KLH conjugates. Antibodies were purified by affinity-chromatography using epitope-specific phosphopeptide. Non-phospho specific antibodies were removed by chromatography using non-phosphopeptide.

Applications

Verified Activity: 1. Western blot analysis of extracts from COS7 cells treated with Nocodazole using Phospho-AurB (Thr232) antibody TMAC-00347. The lane on the right is treated with the antigen-specific peptide.



Application:	WB
Recommended	WB: 1:500-1000

Properties

Stability & Storage:	Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.
Shipping:	Shipping with blue ice.

Antigen Details

Immunogen:	Peptide sequence around phosphorylation site of threonine 232 (R-K-T(p)-M-C) derived from Human AurB
Antigen Species:	Human
Uniprot ID:	Q96GD4
Synonyms:	p-AURKB (Thr232);AURKB (p-T232);p-AURKB (T232);AURKB (p-Thr232)

Research Background

Serine/threonine-protein kinase component of the chromosomal passenger complex (CPC), a complex that acts as a key regulator of mitosis. The CPC complex has essential functions at the centromere in ensuring correct chromosome alignment and segregation and is required for chromatin-induced microtubule stabilization and spindle assembly. Involved in the bipolar attachment of spindle microtubules to kinetochores and is a key regulator for the onset of

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cytokinesis during mitosis. Required for central/midzone spindle assembly and cleavage furrow formation. AURKB phosphorylates the CPC complex subunits BIRC5/survivin, CDCA8/borealin and INCENP. Phosphorylation of INCENP leads to increased AURKB activity.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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