

Product Datasheet

TBK1 (Phospho-S172) Rabbit Polyclonal Antibody (orb515281)

Catalog Number	orb515281
Category	Antibodies
Description	The TBK1 (Phospho-S172) Antibody is suitable for IHC, WB. It is a Polyclonal, Unconjugated antibody which raised against KLH-conjugated synthetic phosphopeptide corresponding to residues surrounding S172 of human TBK1 protein. The exact sequence is proprietary. Purification: The antibody was purified by immunogen affinity chromatography.
Target	TBK1
Clonality	Polyclonal
Species/Host	Rabbit
Conjugation	Unconjugated
Reactivity	Human, Mouse, Rat
Form/Appearance	Liquid
Buffer/Preservatives	0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Purification	The antibody was purified by immunogen affinity chromatography.
Immunogen	KLH-conjugated synthetic phosphopeptide corresponding to residues surrounding S172 of human TBK1 protein. The exact sequence is proprietary.
UniProt ID	Q9WUN2, Q9UHD2
Tested applications	IHC, WB

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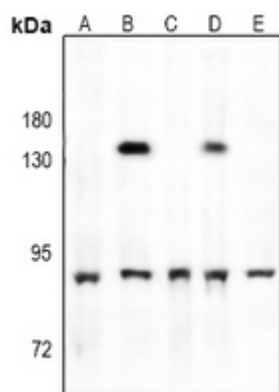
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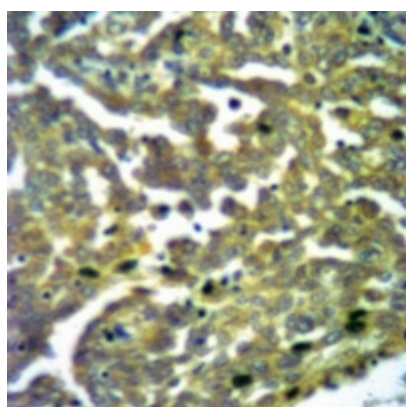
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Dilution range	WB: 1:500-1000
Specificity	Recognizes endogenous levels of TBK1 protein only when phosphorylated at S172.
Antibody Type	Primary Antibody
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Note	For research use only
Entrez	29110, 56480
Expiration Date	12 months from date of receipt.



Western blot analysis of TBK1 (Phospho-S172) expression in rat testis (A), SGC7901 (B), EC9706 (C), A549 (D), 3T3L1 (E) whole cell lysates. (Predicted band size: 83 kD; Observed band size: 83 kD)



Immunohistochemical analysis of TBK1 (Phospho-S172) staining in human ovarian cancer formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (Phospho-H 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.

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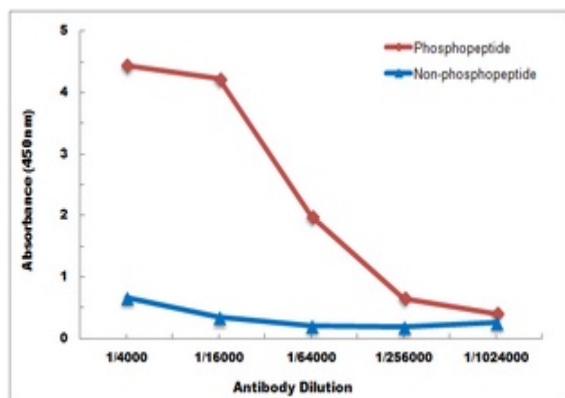
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Direct ELISA antibody dose-response curve using Anti-TBK1 (Phospho-S172) Antibody. Antigen (Phosphopeptide and non-phosphopeptide) concentration is 5 ug/ml. Goat Anti-Rabbit IgG (H&L) - HRP was used as the secondary antibody, and signal was developed by TMB substrate.

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