

Product Datasheet

TBK1 Antibody (S172) (orb1928791)

Catalog Number	orb1928791
Category	Antibodies
Description	Affinity Purified Rabbit Polyclonal Antibody (Pab)
Target	TBK1 {ECO:0000303 PubMed:10581243, ECO:0000312 HGNC:HGNC:11584}
Clonality	Polyclonal
Species/Host	Rabbit
Isotype	Rabbit IgG
Conjugation	Unconjugated
Reactivity	Human, Mouse
Predicted Reactivity	Other
Form/Appearance	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Immunogen	This TBK antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 150-181 amino acids from human TBK. Antigen Region: 150-181 aa.
UniProt ID	Q9UHD2
MW	83642 Da
Tested applications	IHC-P, WB
Dilution range	WB - 1:2000, IHC-P - 1:25

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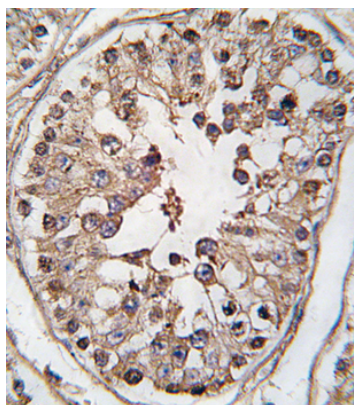
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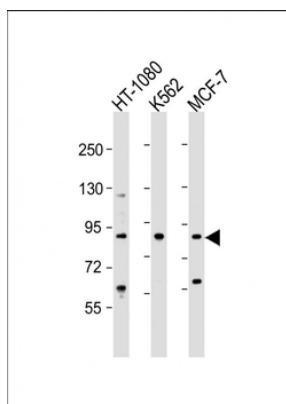
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Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles
Note	For research use only
NCBI	NP_037386.1
Expiration Date	12 months from date of receipt.



Formalin-fixed and paraffin-embedded human testis tissue reacted with TBK-pS172, which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated.



All lanes: Anti-TBK Antibody (S172) at 1:2000 dilution. Lane 1: HT-1080 whole cell lysate. Lane 2: K562 whole cell lysate. Lane 3: MCF-7 whole cell lysate. Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size: 84 kDa. Blocking/Dilution buffer: 5% NFDM/TBST.

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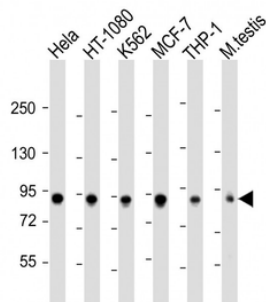
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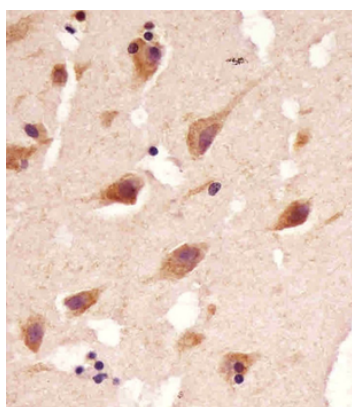
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All lanes: Anti-TBK1 Antibody (S172) at 1:2000 dilution. Lane 1: HeLa whole cell lysate. Lane 2: HT-1080 whole cell lysate. Lane 3: K562 whole cell lysate. Lane 4: MCF-7 whole cell lysate. Lane 5: THP-1 whole cell lysate. Lane 6: mouse testis lysate. Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size: 84kDa. Blocking/Dilution buffer: 5% NFDM/TBST.



Staining TBK in human brain tissue sections by Immunohistochemistry (IHC-P - paraformaldehyde-fixed, paraffin-embedded sections). Tissue was fixed with formaldehyde and blocked with 3% BSA for 0.5 hour at room temperature; antigen retrieval was by heat mediation with a citrate buffer (pH6). Samples were incubated with primary antibody (1/25) for 1 hours at 37°C. A undiluted biotinylated goat polyvalent antibody was used as the secondary antibody.



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