

ZPK Polyclonal Antibody

Product Details	
Size	100 µL
Species Reactivity	Human, Mouse, Rat
Published Species	Mouse
Host/Isotype	Rabbit / IgG
Class	Polyclonal
Type	Antibody
Conjugate	Unconjugated
Immunogen	Recombinant protein fragment corresponding to a region within amino acids 400 and 888 of Mouse MAP3K12
Form	Liquid
Concentration	1 mg/mL
Purification	Antigen affinity chromatography
Storage buffer	PBS, pH 7, with 1% BSA, 20% glycerol
Contains	0.01% thimerosal
Storage conditions	Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.
RRID	AB_2549646

Applications	Tested Dilution	Publications
Western Blot (WB)	1:500-1:3,000	6 Publications
Immunohistochemistry (IHC)	-	1 Publication
Immunohistochemistry (Paraffin) (IHC (P))	1:100-1:1,000	-
Immunohistochemistry (Frozen) (IHC (F))	1:100-1:1,000	-
Immunoprecipitation (IP)	-	1 Publication

Product Specific Information

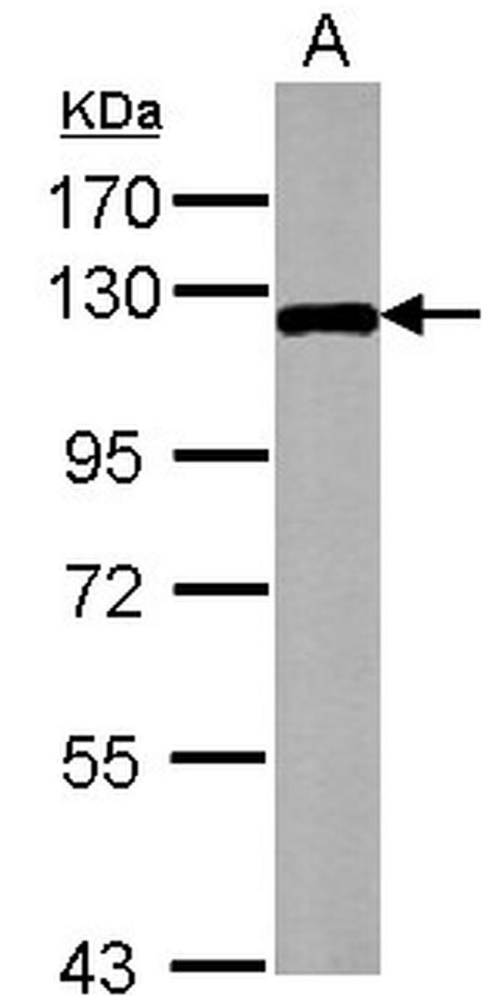
Recommended positive controls: Neuro 2A, C8D30, NIH-3T3, Raw264.7, C2C12, Mouse brain, mouse embryonic stem cell, rat brain.

Store product as a concentrated solution. Centrifuge briefly prior to opening the vial.

Product Images For ZPK Polyclonal Antibody

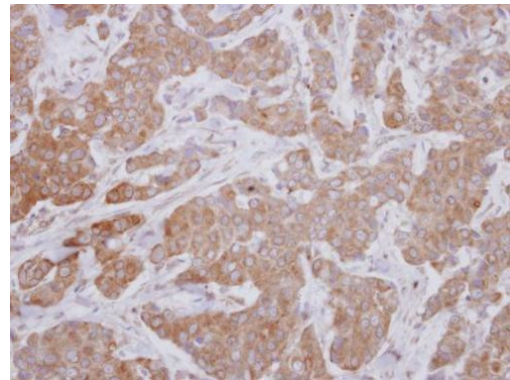
ZPK Antibody (PA5-32173) in WB

Western Blot analysis of ZPK was performed by separating 20 µg of mouse embryonic stem cell whole cell lysates by 7.5 % SDS-PAGE. Proteins were transferred to a membrane and probed with a ZPK Polyclonal Antibody (Product # PA5-32173) at a dilution of 1:1000.



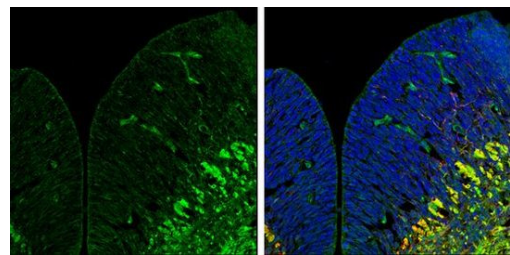
ZPK Antibody (PA5-32173) in IHC (P)

Immunohistochemical analysis of paraffin-embedded human breast cancer, using MAP3K12 (Product # PA5-32173) antibody at 1:250 dilution.



ZPK Antibody (PA5-32173) in IHC (F)

Immunohistochemistry (Frozen) analysis of ZPK was performed in frozen sectioned E13.5 Rat brain tissue using ZPK Polyclonal Antibody (Product # PA5-32173) at a dilution of 1:250 (Green). Red: beta Tubulin 3/ TUJ1, a mature neuron marker, stained by beta Tubulin 3/ TUJ1 antibody diluted at 1:500. Blue: Fluoroshield with DAPI.



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Western Blot (6)

<p>The Journal of biological chemistry</p> <p>FK506-binding protein-like and FK506-binding protein 8 regulate dual leucine zipper kinase degradation and neuronal responses to axon injury.</p> <p>"PA5-32173 was used in Immunoprecipitation, Immunohistochemistry to investigate the molecular mechanism of DLK function in response to neuronal injury."</p> <p>Authors: Lee B,Oh Y,Cho E,DiAntonio A,Cavalli V,Shin JE,Choi HW,Cho Y</p>	<p>Year 2022</p> <p>Species Mouse</p>
<p>Molecular brain</p> <p>PDK1 is a negative regulator of axon regeneration.</p> <p>"Published figure using ZPK polyclonal antibody (Product # PA5-32173) in Western Blot"</p> <p>Authors: Kim H,Lee J,Cho Y</p>	<p>Year 2021</p> <p>Species Mouse</p>

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Immunohistochemistry (1)

<p>The Journal of biological chemistry</p> <p>FK506-binding protein-like and FK506-binding protein 8 regulate dual leucine zipper kinase degradation and neuronal responses to axon injury.</p> <p>"PA5-32173 was used in Immunoprecipitation, Immunohistochemistry to investigate the molecular mechanism of DLK function in response to neuronal injury."</p> <p>Authors: Lee B,Oh Y,Cho E,DiAntonio A,Cavalli V,Shin JE,Choi HW,Cho Y</p>	<p>Year 2022</p> <p>Species Mouse</p>
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Immunoprecipitation (1)

<p>The Journal of biological chemistry</p> <p>FK506-binding protein-like and FK506-binding protein 8 regulate dual leucine zipper kinase degradation and neuronal responses to axon injury.</p> <p>"PA5-32173 was used in Immunoprecipitation, Immunohistochemistry to investigate the molecular mechanism of DLK function in response to neuronal injury."</p> <p>Authors: Lee B,Oh Y,Cho E,DiAntonio A,Cavalli V,Shin JE,Choi HW,Cho Y</p>	<p>Year 2022</p> <p>Species Mouse</p>
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