

# Product Datasheet

## tropomyosin-4 Antibody - BSA Free NBP2-15146

Unit Size: 0.1 ml

Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.

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**NBP2-15146**

tropomyosin-4 Antibody - BSA Free

**Product Information**

<b>Unit Size</b>	0.1 ml
<b>Concentration</b>	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
<b>Storage</b>	Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.
<b>Clonality</b>	Polyclonal
<b>Preservative</b>	0.01% Thimerosal
<b>Isotype</b>	IgG
<b>Purity</b>	Antigen Affinity-purified
<b>Buffer</b>	0.1M Tris (pH 7), 0.1M Glycine, 20% Glycerol
<b>Target Molecular Weight</b>	29 kDa

**Product Description**

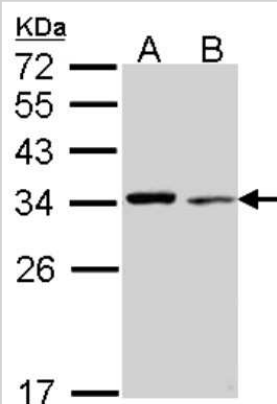
<b>Host</b>	Rabbit
<b>Gene ID</b>	7171
<b>Gene Symbol</b>	TPM4
<b>Species</b>	Human, Mouse, Rat, Zebrafish
<b>Reactivity Notes</b>	Rat reactivity reported in scientific literature (PMID: 24359494). <i>Xenopus laevis</i> (92%).
<b>Immunogen</b>	Recombinant protein encompassing a sequence within the center region of human tropomyosin-4. The exact sequence is proprietary.

**Product Application Details**

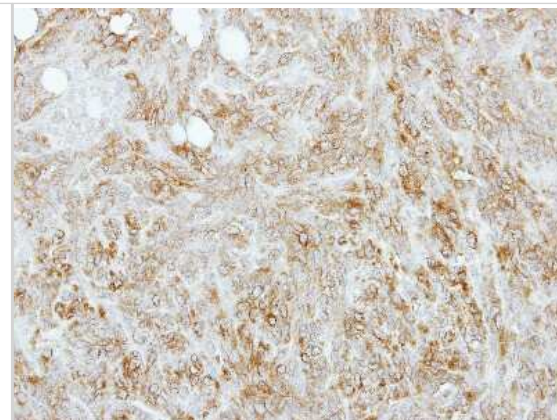
<b>Applications</b>	Western Blot, Immunohistochemistry, Immunohistochemistry-Paraffin
<b>Recommended Dilutions</b>	Western Blot 1:500-1:3000, Immunohistochemistry 1:100-1:1000, Immunohistochemistry-Paraffin 1:100-1:1000

**Images**

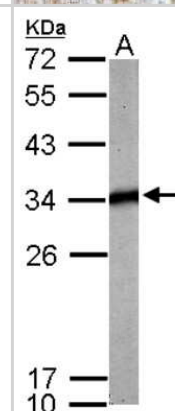
Western Blot: tropomyosin-4 Antibody [NBP2-15146] - Sample (30 ug of whole cell lysate) A: NT2D1 B: Hela 12% SDS PAGE; antibody diluted at 1:1000.



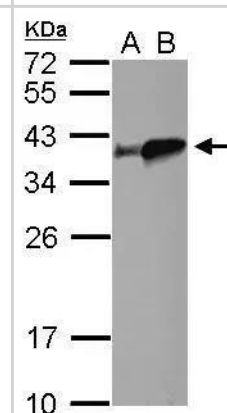
Immunohistochemistry-Paraffin: tropomyosin-4 Antibody [NBP2-15146] - Paraffin-embedded 4T1 xenograft, using antibody at 1:100 dilution.



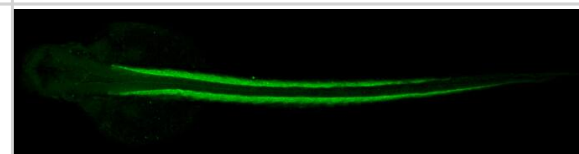
Western Blot: tropomyosin-4 Antibody [NBP2-15146] - Sample (50 ug of whole cell lysate) A: mouse brain 12% SDS PAGE; antibody diluted at 1:1000.



Western Blot: tropomyosin-4 Antibody [NBP2-15146] - Sample (30 ug of whole cell lysate)  
A: zebrafish heart  
B: zebrafish muscle  
12% SDS PAGE  
NBP2-15146 diluted at 1:500



Immunohistochemistry: tropomyosin-4 Antibody [NBP2-15146] - tropomyosin-4 antibody detects tropomyosin-4 protein on zebrafish by whole mount immunohistochemical analysis.  
Sample: 2 days-post-fertilization zebrafish embryo.  
tropomyosin-4 antibody (NBP2-15146) dilution: 1:100.





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### **Products Related to NBP2-15146**

HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
NBP1-51062-0.05mg	Recombinant Human tropomyosin-4 His Protein

### **Limitations**

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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