

# Product Datasheet

## Thymidylate Synthase Antibody (HL1236) - Azide and BSA Free NBP3-25721

Unit Size: 100 ul

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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**NBP3-25721**

Thymidylate Synthase Antibody (HL1236) - Azide and BSA Free

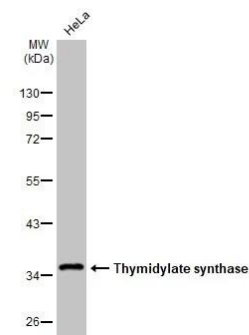
Product Information	
<b>Unit Size</b>	100 ul
<b>Concentration</b>	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
<b>Storage</b>	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
<b>Clonality</b>	Monoclonal
<b>Clone</b>	HL1236
<b>Preservative</b>	No Preservative
<b>Isotype</b>	IgG
<b>Purity</b>	Protein A purified
<b>Buffer</b>	PBS

Product Description	
<b>Description</b>	Novus Biologicals Rabbit Thymidylate Synthase Antibody (HL1236) - Azide and BSA Free (NBP3-25721) is a recombinant monoclonal antibody validated for use in IHC, WB and ICC/IF. All Novus Biologicals antibodies are covered by our 100% guarantee.
<b>Host</b>	Rabbit
<b>Gene ID</b>	7298
<b>Gene Symbol</b>	TYMS
<b>Species</b>	Human, Mouse, Rat, Canine, Feline
<b>Reactivity Notes</b>	Immunogen displays the following percentage of sequence identity for non-tested species: Zebrafish (86%), Xenopus (84%).
<b>Immunogen</b>	Recombinant protein encompassing a sequence within the center region of human Thymidylate Synthase. The exact sequence is proprietary.

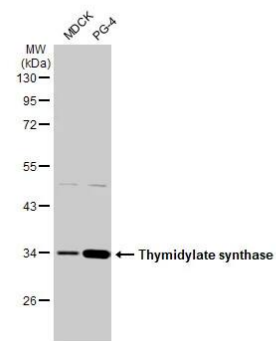
Product Application Details	
<b>Applications</b>	Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/Immunofluorescence, Immunohistochemistry
<b>Recommended Dilutions</b>	Western Blot 1:500-1:3000, Immunohistochemistry, Immunocytochemistry/Immunofluorescence, Immunohistochemistry-Paraffin

**Images**

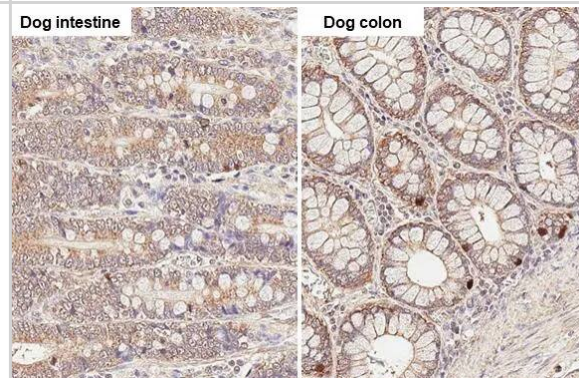
Western Blot: Thymidylate Synthase Antibody (HL1236) - Azide and BSA Free [NBP3-25721] - Whole cell extract (30 ug) was separated by 10% SDS-PAGE, and the membrane was blotted with Thymidylate synthase antibody [HL1236] (NBP3-25721) diluted at 1:1000. The HRP-conjugated anti-rabbit IgG antibody was used to detect the primary antibody.



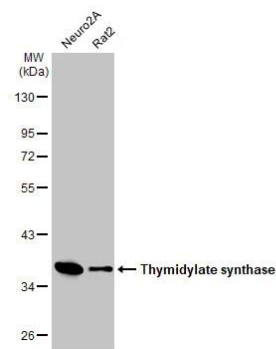
**Western Blot: Thymidylate Synthase Antibody (HL1236) - Azide and BSA Free [NBP3-25721]** - Various whole cell extracts (30 ug) were separated by 10% SDS-PAGE, and the membrane was blotted with Thymidylate synthase antibody [HL1236] (NBP3-25721) diluted at 1:1000. The HRP-conjugated anti-rabbit IgG antibody was used to detect the primary antibody.



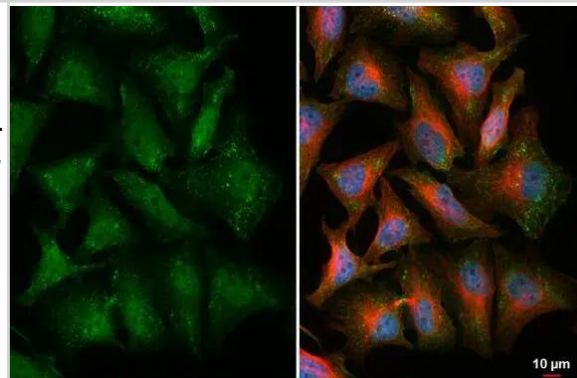
**Immunohistochemistry-Paraffin: Thymidylate Synthase Antibody (HL1236) - Azide and BSA Free [NBP3-25721]** - Thymidylate synthase antibody [HL1236] detects Thymidylate synthase protein at cytoplasm by immunohistochemical analysis. Sample: Paraffin-embedded dog tissue. Thymidylate synthase stained by Thymidylate synthase antibody [HL1236] (NBP3-25721) diluted at 1:100. Antigen Retrieval: Citrate buffer, pH 6.0, 15 min



**Western Blot: Thymidylate Synthase Antibody (HL1236) - Azide and BSA Free [NBP3-25721]** - Various whole cell extracts (30 ug) were separated by 10% SDS-PAGE, and the membrane was blotted with Thymidylate synthase antibody [HL1236] (NBP3-25721) diluted at 1:1000. The HRP-conjugated anti-rabbit IgG antibody was used to detect the primary antibody.



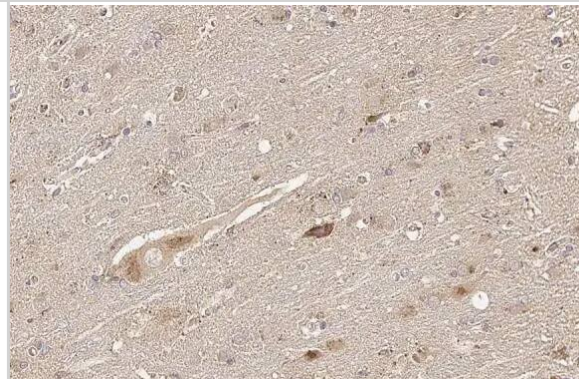
**Immunocytochemistry/Immunofluorescence: Thymidylate Synthase Antibody (HL1236) - Azide and BSA Free [NBP3-25721]** - Thymidylate synthase antibody [HL1236] detects Thymidylate synthase protein at cytoplasm and nucleus and mitochondria by immunofluorescent analysis. Sample: HeLa cells were fixed in 4% paraformaldehyde at RT for 15 min. Green: Thymidylate synthase stained by Thymidylate synthase antibody [HL1236] (NBP3-25721) diluted at 1:200. Red: alpha Tubulin, a cytoskeleton marker, stained by alpha Tubulin antibody [GT114] (NBP2-43837) diluted at 1:1000. Blue: Fluoroshield with DAPI .



Immunohistochemistry-Paraffin: Thymidylate Synthase Antibody (HL1236) - Azide and BSA Free [NBP3-25721] - Thymidylate synthase antibody [HL1236] detects Thymidylate synthase protein at cell membrane and cytoplasm by immunohistochemical analysis. Sample: Paraffin-embedded cat brain. Thymidylate synthase stained by Thymidylate synthase antibody [HL1236] (NBP3-25721) diluted at 1:100. Antigen Retrieval: Citrate buffer, pH 6.0, 15 min



Immunohistochemistry-Paraffin: Thymidylate Synthase Antibody (HL1236) - Azide and BSA Free [NBP3-25721] - Thymidylate synthase antibody [HL1236] detects Thymidylate synthase protein at cell membrane and cytoplasm by immunohistochemical analysis. Sample: Paraffin-embedded dog brain. Thymidylate synthase stained by Thymidylate synthase antibody [HL1236] (NBP3-25721) diluted at 1:100. Antigen Retrieval: Citrate buffer, pH 6.0, 15 min





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### **Products Related to NBP3-25721**

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NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control

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### **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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