

Datasheet for ABIN7432934

anti-Thymidine Phosphorylase antibody (AA 29-305)

4 Images

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Overview

Quantity:	100 µL
Target:	Thymidine Phosphorylase (TYMP)
Binding Specificity:	AA 29-305
Reactivity:	Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Thymidine Phosphorylase antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP), Immunocytochemistry (ICC)

Product Details

Purpose:	Polyclonal Antibody to Thymidine Phosphorylase (TP)
Immunogen:	Recombinant Thymidine Phosphorylase (TP) corresponding to Lys29~Gln305 with N-terminal His Tag
Isotype:	IgG
Specificity:	The antibody is a rabbit polyclonal antibody raised against TP. It has been selected for its ability to recognize TP in immunohistochemical staining and western blotting.
Cross-Reactivity:	Mouse
Purification:	Antigen-specific affinity chromatography followed by Protein A affinity chromatography

Target Details

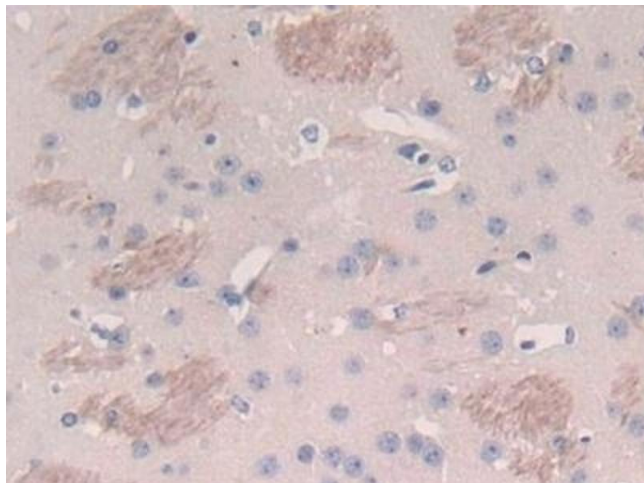
Target:	Thymidine Phosphorylase (TYMP)
Alternative Name:	Thymidine Phosphorylase (TYMP Products)
Background:	TYMP, PDECGF, ECGF1, MNGIE, TP, HPD-ECGF, TdRPase, Platelet-Derived Endothelial Cell Growth Factor, Gliostatin
Pathways:	Signaling Events mediated by VEGFR1 and VEGFR2

Application Details

Application Notes:	Western blotting: 0.5-2 µg/mL Immunohistochemistry: 5-20 µg/mL Immunocytochemistry: 5-20 µg/mL Optimal working dilutions must be determined by end user.
Comment:	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Restrictions:	For Research Use only

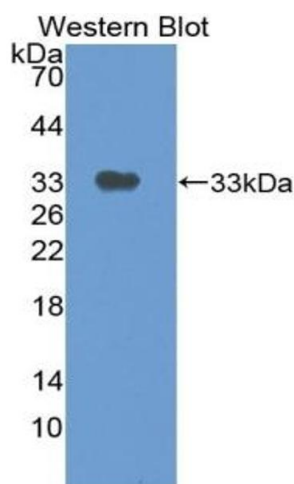
Handling

Format:	Liquid
Buffer:	PBS, pH 7.4, containing 0.02 % Sodium azide, 50 % glycerol.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Store at 4°C for frequent use. Stored at -20°C in a manual defrost freezer for two year without detectable loss of activity. Avoid repeated freeze-thaw cycles.
Expiry Date:	24 months



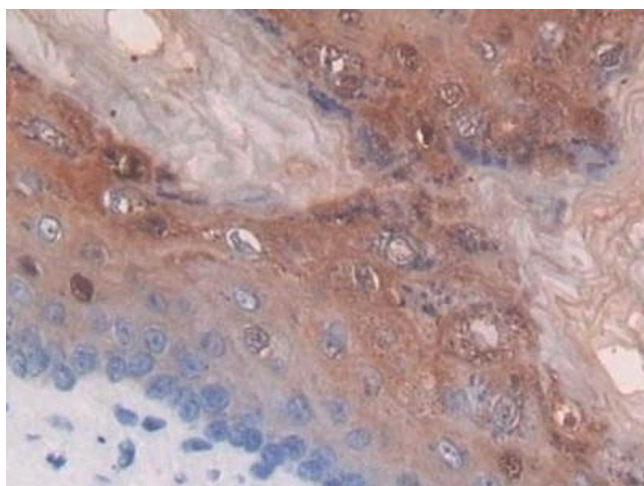
Immunohistochemistry

Image 1. Detection of TP in Mouse Cerebrum Tissue using Polyclonal Antibody to Thymidine Phosphorylase (TP)



Western Blotting

Image 2. Detection of Recombinant TP, Mouse using Polyclonal Antibody to Thymidine Phosphorylase (TP)



Immunohistochemistry

Image 3. Detection of TP in Mouse Stomach Tissue using Polyclonal Antibody to Thymidine Phosphorylase (TP)

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN7432934.