

Datasheet for ABIN7173618
anti-WARS antibody (AA 27-99)[Go to Product page](#)

1 Image

Overview

Quantity:	100 µL
Target:	WARS
Binding Specificity:	AA 27-99
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This WARS antibody is un-conjugated
Application:	Immunohistochemistry (IHC), ELISA

Product Details

Immunogen:	Recombinant Human Tryptophan--tRNA ligase, cytoplasmic protein (27-99AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

Target Details

Target:	WARS
Alternative Name:	WARS (WARS Products)
Background:	Background: Isoform 1, isoform 2 and T1-TrpRS have aminoacylation activity while T2-TrpRS lacks it. Isoform 2, T1-TrpRS and T2-TrpRS possess angiostatic activity whereas isoform 1

Target Details

lacks it. T2-TrpRS inhibits fluid shear stress-activated responses of endothelial cells. Regulates ERK, Akt, and eNOS activation pathways that are associated with angiogenesis, cytoskeletal reorganization and shear stress-responsive gene expression.

Aliases: Gamma 2 antibody, GAMMA-2 antibody, Gamma2 antibody, hWRS antibody, IFI 53 antibody, IFI53 antibody, IFP 53 antibody, IFP53 antibody, Interferon induced protein 53 antibody, Interferon-induced protein 53 antibody, SYWC_HUMAN antibody, T2-TrpRS antibody, TrpRS antibody, Tryptophan tRNA ligase, cytoplasmic antibody, Tryptophan tRNA ligase 1 cytoplasmic antibody, Tryptophan tRNA ligase antibody, Tryptophan--tRNA ligase antibody, Tryptophanyl tRNA synthetase antibody, Tryptophanyl tRNA synthetase cytoplasmic antibody, WARS antibody, WARS protein antibody, WRS antibody

UniProt: [P23381](#)

Application Details

Application Notes: Recommended dilution: IHC:1:200-1:500,

Restrictions: For Research Use only

Handling

Format: Liquid

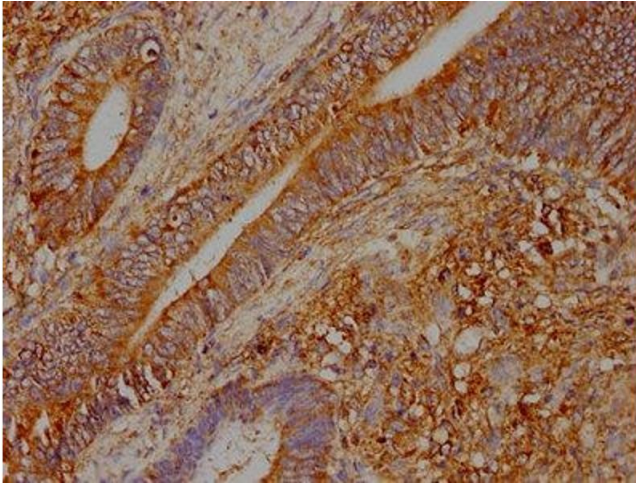
Buffer: Preservative: 0.03 % Proclin 300
Constituents: 50 % Glycerol, 0.01M PBS, pH 7.4

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C,-80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.



Immunohistochemistry

Image 1. IHC image of ABIN7173618 diluted at 1:400 and staining in paraffin-embedded human colon cancer performed on a Leica Bond™ system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10 % normal goat serum 30 min at RT. Then primary antibody (1 % BSA) was incubated at 4 °C overnight. The primary is detected by a biotinylated secondary antibody and visualized using an HRP conjugated SP system.