# .-online.com antibodies

## Datasheet for ABIN6262098 anti-HSPA9 antibody (C-Term)

3 Images

1 Publication



## Overview

Quantity:	100 µL
Target:	HSPA9
Binding Specificity:	C-Term
Reactivity:	Human, Rat, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This HSPA9 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), ELISA, Immunofluorescence (IF), Immunocytochemistry (ICC)

## Product Details

Immunogen:	A synthesized peptide derived from human Grp75, corresponding to a region within C-terminal amino acids.
Isotype:	lgG
Specificity:	Grp75 Antibody detects endogenous levels of total Grp75.
Predicted Reactivity:	Pig,Bovine,Horse,Sheep,Rabbit
Purification:	The antiserum was purified by peptide affinity chromatography using SulfoLink <sup>TM</sup> Coupling Resin (Thermo Fisher Scientific).

## Target Details

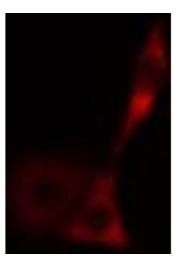
HSPA9

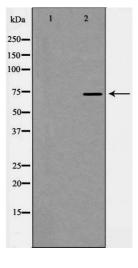
Order at www.antibodies-online.com | www.antikoerper-online.de | www.anticorps-enligne.fr | www.antibodies-online.cn International: +49 (0)241 95 163 153 | USA & Canada: +1 877 302 8632 | support@antibodies-online.com Page 1/3 | Product datasheet for ABIN6262098 | 09/10/2023 | Copyright antibodies-online. All rights reserved.

Target Details	
Alternative Name:	HSPA9 (HSPA9 Products)
Background:	Description: Chaperone protein which plays an important role in mitochondrial iron-sulfur cluster (ISC) biogenesis. Interacts with and stabilizes ISC cluster assembly proteins FXN, NFU1, NFS1 and ISCU (PubMed:26702583). Regulates erythropoiesis via stabilization of ISC assembly (PubMed:21123823, PubMed:26702583). May play a role in the control of cell proliferation and cellular aging (By similarity). Gene: HSPA9
Molecular Weight:	74 kDa
Gene ID:	3313
UniProt:	P38646
Application Details	
Application Notes:	WB 1:500-1:2000, IHC 1:50-1:200, IF/ICC 1:100-1:500, ELISA(peptide) 1:20000-1:40000
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Concentration:	1 mg/mL
Buffer:	Rabbit IgG in phosphate buffered saline , pH 7.4, 150 mM NaCl, 0.02 % sodium azide and 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:	-20 °C
Storage Comment:	Store at -20 °C. Stable for 12 months from date of receipt.
Expiry Date:	12 months
Publications	
Product cited in:	Meng, Chen, Lei, Han, Zhong, Wang, Liu, Gao, Zhang, Tan, Liu, Zhou, Sun, Yang: "Hsp90β promotes aggressive vasculogenic mimicry via epithelial-mesenchymal transition in

Order at www.antibodies-online.com | www.antikoerper-online.de | www.anticorps-enligne.fr | www.antibodies-online.cn International: +49 (0)241 95 163 153 | USA & Canada: +1 877 302 8632 | support@antibodies-online.com Page 2/3 | Product datasheet for ABIN6262098 | 09/10/2023 | Copyright antibodies-online. All rights reserved. hepatocellular carcinoma." in: Oncogene, (2018) (PubMed).

## Images



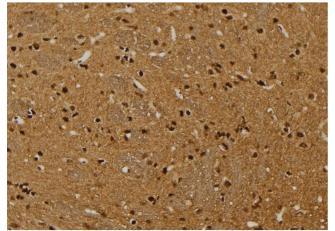


#### Immunofluorescence (fixed cells)

**Image 1.** ABIN6269010 staining HeLa cells by IF/ICC. The sample were fixed with PFA and permeabilized in 0.1% Triton X-100,then blocked in 10% serum for 45 minutes at 25°C. The primary antibody was diluted at 1/200 and incubated with the sample for 1 hour at 37°C. An Alexa Fluor 594 conjugated goat anti-rabbit IgG (H+L) antibody(Cat.# S0006), diluted at 1/600, was used as secondary antibody.

### Western Blotting

**Image 2.** Western blot analysis of GRP75 expression in Cos7 cell extract.The lane on the left is treated with the antigen-specific peptide.



### Immunohistochemistry

**Image 3.** ABIN6269010 at 1/100 staining Rat brain tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the antibody for 1.5 hours at 22°C. An HRP conjugated goat anti-rabbit antibody was used as the secondary.

Order at www.antibodies-online.com | www.antikoerper-online.de | www.anticorps-enligne.fr | www.antibodies-online.cn International: +49 (0)241 95 163 153 | USA & Canada: +1 877 302 8632 | support@antibodies-online.com Page 3/3 | Product datasheet for ABIN6262098 | 09/10/2023 | Copyright antibodies-online. All rights reserved.