



# AW-1 rabbit pAb

Cat No.:ES1738

For research use only

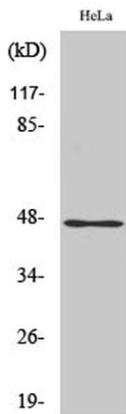
## Overview

<b>Product Name</b>	AW-1 rabbit pAb
<b>Host species</b>	Rabbit
<b>Applications</b>	WB;IHC;IF;ELISA
<b>Species Cross-Reactivity</b>	Human;Rat;Mouse;
<b>Recommended dilutions</b>	Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. Immunofluorescence: 1/200 - 1/1000. ELISA: 1/10000. Not yet tested in other applications.
<b>Immunogen</b>	The antiserum was produced against synthesized peptide derived from human ZNF174. AA range:201-250
<b>Specificity</b>	AW-1 Polyclonal Antibody detects endogenous levels of AW-1 protein.
<b>Formulation</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
<b>Storage</b>	Store at -20°C. Avoid repeated freeze-thaw cycles.
<b>Protein Name</b>	Zinc finger protein 174
<b>Gene Name</b>	ZNF174
<b>Cellular localization</b>	Nucleus.
<b>Purification</b>	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Clonality</b>	Polyclonal
<b>Concentration</b>	1 mg/ml
<b>Observed band</b>	46kD
<b>Human Gene ID</b>	7727
<b>Human Swiss-Prot Number</b>	Q15697
<b>Alternative Names</b>	ZNF174; ZSCAN8; Zinc finger protein 174; AW-1; Zinc finger and SCAN domain-containing protein 8 function:Transcriptional repressor.,similarity:Belongs to the krueppel C2H2-type zinc-finger protein family.,similarity:Contains 1 SCAN box domain.,similarity:Contains 3 C2H2-type zinc
<b>Background</b>	



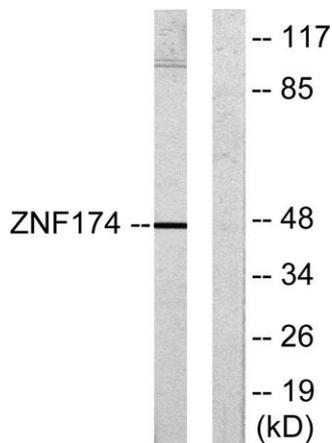
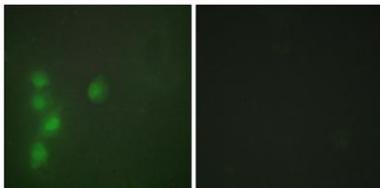


fingers.,subunit:Homodimer.,tissue specificity:Expressed in a variety of organs, but most strongly in adult testis and ovary followed by small intestine, colon, prostate, thymus, spleen, pancreas, skeletal muscle, heart, brain and kidney. Also expressed in umbilical vein endothelial cells, foreskin fibroblast and HEPG2 cells.,



Western Blot analysis of various cells using AW-1 Polyclonal Antibody

Immunofluorescence analysis of HUVEC cells, using ZNF174 Antibody. The picture on the right is blocked with the synthesized peptide.

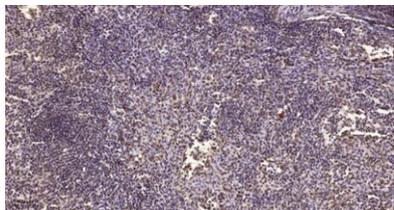


Western blot analysis of lysates from HeLa cells, using ZNF174 Antibody. The lane on the right is blocked with the synthesized peptide.





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Immunohistochemical analysis of paraffin-embedded human spleen. 1, Tris-EDTA, pH 9.0 was used for antigen retrieval. 2 Antibody was diluted at 1:200 (4° overnight). 3, Secondary antibody was diluted at 1:200 (room temperature, 45 min).



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