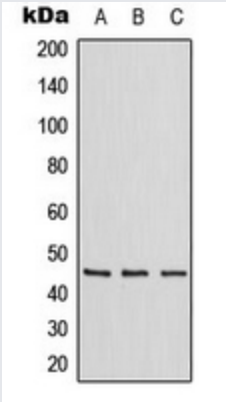
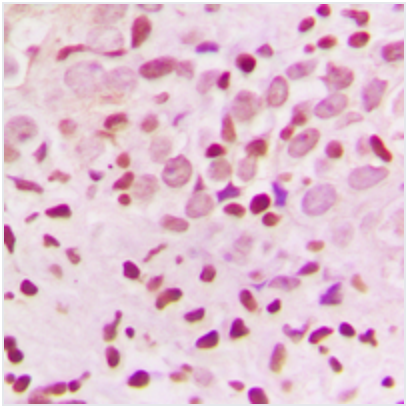
ZNF174 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

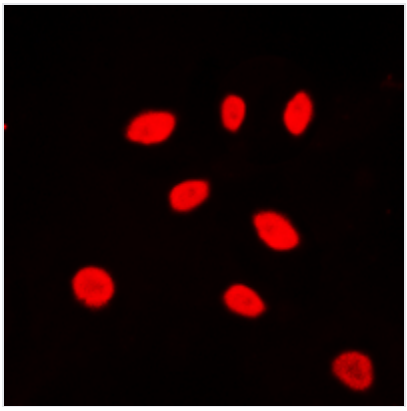
Product Name	ZNF174, Polyclonal Antibody
Full Product Name	Anti-ZNF174 Antibody
Product Gene Name	anti-ZNF174 antibody
Product Synonym Names	ZSCAN8; Zinc finger protein 174; AW-1; Zinc finger and SCAN domain-containing protein 8
Clonality	Polyclonal
Host	Rabbit
Species Reactivity	Human, Mouse, Rat, Monkey
Form/Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Purity/Purification	The antibody was purified by immunogen affinity chromatography.
Specificity	Recognizes endogenous levels of ZNF174 protein.
Preparation and Storage	Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C for one year. Avoid freeze/thaw cycles.
Antibody/Peptide Pairs	ZNF174 peptide (MBS8217860) is used for blocking the activity of ZNF174 antibody (MBS8211027)
Molecular Weight	26,884 Da
OMIM	603900
3D Structure	ModBase 3D Structure for Q15697
Immunogen	KLH-conjugated synthetic peptide encompassing a sequence within the center region of human ZNF174. The exact sequence is proprietary.
Applications Tested/Suitable for anti-ZNF174 antibody	Western Blot (WB),Immunohistochemistry (IHC), Immunofluorescence (IF), Immunocytochemistry (ICC)
Application Notes for anti-ZNF174 antibody	WB (1/500 - 1/1000), IHC (1/100 - 1/200), IF (1/100 - 1/500), ICC (1/100 - 1/500)
Related Product Information for anti-ZNF174 antibody	MBS8211027 is an antibody targeting ZNF174. Reactive in Human, Mouse, Rat, Monkey. Host: Rabbit. Rabbit polyclonal antibody to ZNF174
Other Notes	Small volumes of anti-ZNF174 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.



Western Blot (WB) of anti-ZNF174 antibody
Western blot analysis of ZNF174 expression in Jurkat (A), Raw264.7 (B), H9C2 (C) whole cell lysates.



Immunohistochemistry (IHC) of anti-ZNF174 antibody
Immunohistochemical analysis of ZNF174 staining in human breast cancer formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.



Immunofluorescence (IF) of anti-ZNF174 antibody
Immunofluorescent analysis of ZNF174 staining in Jurkat cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a humidified chamber. Cells were washed with PBST and incubated with a DyLight 594-conjugated secondary antibody (red) in PBS at room temperature in the dark.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for ZNF174. It may not necessarily be applicable to this product.

NCBI GI #	73808088
NCBI GeneID	7727
NCBI Accession #	NP_001027463.1
UniProt Primary Accession #	Q15697
UniProt Secondary Accession #	Q53Y68; Q9BQ34
UniProt Related Accession #	Q15697
GenBank Nucleotide #	NM_001032292.2
NCBI Official Full Name	zinc finger protein 174 isoform b
NCBI Official Synonym Full Names	zinc finger protein 174
NCBI Official Symbol	ZNF174

NCBI Official Synonym Symbols	ZSCAN8
UniProt Protein Name	Zinc finger protein 174
UniProt Synonym Protein Names	AW-1; Zinc finger and SCAN domain-containing protein 8
Protein Family	Zinc finger protein
UniProt Gene Name	ZNF174
UniProt Synonym Gene Names	ZSCAN8
UniProt Entry Name	ZN174_HUMAN
NCBI Protein Information	zinc finger protein 174
UniProt Comments for ZNF174	ZNF174: a transcriptional repressor of the krueppel C2H2-type zinc-finger protein family. Two splice variant isoforms have been described. Protein type: DNA-binding; C2H2-type zinc finger protein; Transcription factor Chromosomal Location of Human Ortholog: 16p13.3 Cellular Component: nucleoplasm; cytoplasm; nucleus; actin cytoskeleton Molecular Function: protein homodimerization activity; metal ion binding; transcription factor activity Biological Process: transcription from RNA polymerase II promoter; negative regulation of transcription from RNA polymerase II promoter; negative regulation of transcription, DNA-dependent
Research Articles on ZNF174	**1.** Both size exclusion chromatography and equilibrium sedimentation analysis demonstrate that the ZNF174 SCAN domain forms a homodimer
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