

Rabbit anti-Human ZNF24 Polyclonal Antibody | anti-ZNF24 antibody

Anti-ZNF24 Antibody, Rabbit Polyclonal

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA256580	Rabbit	Human	Immunofluorescence, Immunocytochemistry, Western Blot

PRODUCT SYNONYMS

ZNF24; Polyclonal Antibody; Anti-ZNF24 Antibody; Rabbit Polyclonal; ZNF24 Antibody; Rabbit PAb; Antigen Affinity Purified; zinc finger protein 24; Anti-KOX17 Antibody; Anti-RSG-A Antibody; Anti-Zfp191 Antibody; Anti-ZNF191 Antibody; Anti-ZSCAN3 Antibody; anti-ZNF24 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit IgG
Specificity	Human ZNF24
Purity/Purification	Protein A & Antigen Affinity
Form/Format	Liquid; PBS, pH7.0 with 0.03% Proclin300
Applicable Applications for anti-ZNF24 antibody	IF (Immunofluorescence), ICC (Immunocytochemistry), WB (Western Blot)
Immunogen	E Coli-derived Human ZNF24 fragment
Conjugation	Unconjugated
Preparation	Produced in rabbits immunized with E Coli-derived Human ZNF24 fragment, and purified by antigen affinity chromatography.
Preparation and Storage	This antibody can be stored at 2-8 degree C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20 degree C to -80 degree C. Avoid repeated freeze-thaw cycles.

IMAGES



IF (Immunofluorescence)

Immunofluorescence staining of ZNF24 in U251MG cells. Cells were fixed with 4% PFA, permeabilized with 0.1% Triton X-100 in PBS, blocked with 10% serum, and incubated with rabbit anti-Human ZNF24 polyclonal antibody (dilution ratio 1:200) at 4 degree C overnight. Then cells were stained with the Alexa Fluor488-conjugated Goat Anti-rabbit IgG secondary antibody (green). Positive staining was localized to Nucleus.



WB (Western Blot)

Anti-ZNF24 rabbit polyclonal antibody at 1:500 dilution Lane A: Jurkat Whole Cell Lysate Lane B: HeLa Whole Cell Lysate Lane C: 293 Whole Cell Lysate Lane D: U-251 MG Whole Cell Lysate Lysates/proteins at 30 ug per lane. Secondary Goat Anti-Rabbit IgG (H+L)/HRP at 1/10000 dilution. Developed using the ECL technique. Performed under reducing conditions. Predicted band size: 42 kDa Observed band size: 45 kDa (We are unsure as to the identity of these extra bands).

ADDITIONAL INFORMATION

Related Product Information for anti-ZNF24 antibody	ZNF24 is a member of the SCAN domain family of Kruppel-like zinc finger (ZF) transcription factors, which play a critical role in cell proliferation and differentiation. ZNF24 has been demonstrated to regulate proliferation, differentiation, and migration as well as invasion in several types of cells. ZNF24 plays an essential role in modulating the angiogenic potential of microvascular endothelial cells (ECs) by regulating the proliferation, migration, and invasion of these cells. ZNF24 is involved in the negative regulation of vascular endothelial growth factor (VEGF) and may represent a novel repressor of VEGF transcription. ZNF24 also promoted cell proliferation in prostate cancer (PCa). ZNF24 acted as an oncogene and promoted migration, invasion, and epithelial-to-mesenchymal transition (EMT) of PCa cells via the regulation of Twist1.
References	Li JZ, et al. (2013) Identification of a functional nuclear localization signal mediating nuclear import of the zinc finger transcription factor znf24. PLoS One 8 (11): e79910.Li J, et al. (2010) The transcriptional repression of platelet-derived growth factor receptor-beta by the zinc finger transcription factor znf24. Biochem Biophys Res Commun 397 (2): 318-322.Jia D, et al. (2015) The endogenous zinc finger transcription factor, znf24, modulates the angiogenic potential of human microvascular endothelial cells. Faseb j 29 (4): 1371-1382.Huang X, et al. (2020) Znf24 is upregulated in prostate cancer and facilitates the epithelial-to-mesenchymal transition through the regulation of twist1. Oncol Lett 19 (5): 3593-3601.

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