

ZIMP7 Antibody

Catalog # ASC11300

Product Information

Application	WB, E
Primary Accession	Q8NF64
Other Accession	Q8NF64 , 54607108
Reactivity	Human, Mouse
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Calculated MW	96537
Concentration (mg/ml)	1 mg/mL
Conjugate	Unconjugated
Application Notes	ZIMP7 antibody can be used for detection of ZIMP7 by Western blot at 0.25 - 0.5 µg/mL.

Additional Information

Gene ID	83637
Other Names	Zinc finger MIZ domain-containing protein 2, PIAS-like protein Zimp7, ZMIZ2, KIAA1886, ZIMP7
Target/Specificity	ZMIZ2; At least four isoforms are known to exist. ZIMP7 antibody is predicted to not cross-react with other PIAS protein family members.
Reconstitution & Storage	ZIMP7 antibody can be stored at 4°C for three months and -20°C, stable for up to one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.
Precautions	ZIMP7 Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	ZMIZ2
Synonyms	KIAA1886, ZIMP7
Function	Increases ligand-dependent transcriptional activity of AR and other nuclear hormone receptors.
Cellular Location	Nucleus. Note=Detected at replication foci throughout S phase
Tissue Location	Expressed most abundantly in testis with lower levels in heart, brain, pancreas, prostate and ovary

Background

ZIMP7 Antibody: ZIMP7, also known as ZMIZ2, is a novel PIAS (protein inhibitor of activated signal transducer and activator of transcription)-like protein and a transcriptional coactivator. ZIMP7 is expressed most abundantly in testis. The C-terminal proline-rich domain possesses a significant intrinsic transcriptional activity and this activity is inhibited by the N-terminus in the full-length ZIMP7. ZIMP7 and the related protein ZIMP10 interact with PIAS3 and enhances Androgen Receptor (AR)- mediated transcription. The interaction between ZIMP7 and SWI/SNF complex suggests a possible role for ZIMP7 in chromatin modification.

References

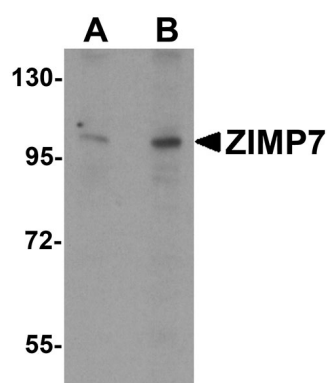
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Images



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