

ZKSCAN3 Antibody (N-Term)
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP21797a

Specification

ZKSCAN3 Antibody (N-Term) - Product Information

Application	WB,E
Primary Accession	Q9BRR0
Reactivity	Human
Host	Rabbit
Clonality	polyclonal
Isotype	Rabbit IgG
Calculated MW	60641

ZKSCAN3 Antibody (N-Term) - Additional Information

Gene ID 80317

Other Names

Zinc finger protein with KRAB and SCAN domains 3, Zinc finger and SCAN domain-containing protein 13, Zinc finger protein 306, Zinc finger protein 309, Zinc finger protein 47 homolog, Zf47, Zfp-47, ZKSCAN3, ZFP47, ZNF306, ZNF309, ZSCAN13

Target/Specificity

This ZKSCAN3 antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 100-130 amino acids from human ZKSCAN3.

Dilution

WB~~1:2000

E~~Use at an assay dependent concentration.

Format

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

Storage

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

ZKSCAN3 Antibody (N-Term) is for research use only and not for use in diagnostic or therapeutic procedures.

ZKSCAN3 Antibody (N-Term) - Protein Information

Name ZKSCAN3

Synonyms ZFP47, ZNF306, ZNF309, ZSCAN13

Function Transcriptional factor that binds to the consensus sequence 5'-[GT][AG][AGT]GGGG-3' and acts as a repressor of autophagy. Specifically represses expression of genes involved in autophagy and lysosome biogenesis/function such as MAP1LC3B, ULK1 or WIPI2. Associates with chromatin at the ITGB4 and VEGF promoters. Also acts as a transcription activator and promotes cancer cell progression and/or migration in various tumors and myelomas.

Cellular Location

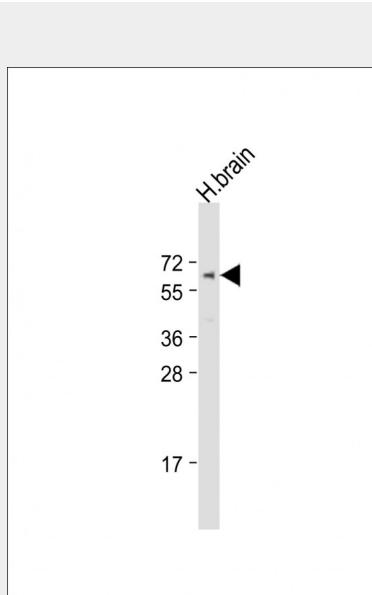
Nucleus. Cytoplasm. Note=Mainly localizes in the nucleus. Under starvation conditions translocates to the cytoplasm, allowing expression of target genes involved in autophagy and lysosome biogenesis/function

ZKSCAN3 Antibody (N-Term) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

ZKSCAN3 Antibody (N-Term) - Images



Anti-ZKSCAN3 Antibody (N-Term) at 1:2000 dilution + human brain lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 61 kDa Blocking/Dilution buffer: 5% NFDM/TBST.

ZKSCAN3 Antibody (N-Term) - Background

Transcriptional factor that binds to the consensus sequence 5'-[GT][AG][AGT]GGGG-3' and acts as a repressor of autophagy. Specifically represses expression of genes involved in autophagy and lysosome biogenesis/function such as MAP1LC3B, ULK1 or WIPI2. Associates with chromatin at the ITGB4 and VEGF promoters. Also acts as a transcription activator and promotes cancer cell progression and/or migration in various tumors and myelomas.

ZKSCAN3 Antibody (N-Term) - References

Kalnine N.,et al.Submitted (MAY-2003) to the EMBL/GenBank/DDBJ databases.
Ota T.,et al.Nat. Genet. 36:40-45(2004).
Mungall A.J.,et al.Nature 425:805-811(2003).
Mural R.J.,et al.Submitted (SEP-2005) to the EMBL/GenBank/DDBJ databases.
Petroni D.,et al.DNA Seq. 9:163-169(1998).