



Rabbit Anti-ZNF217 antibody

SL2510R

Product Name:	ZNF217
Chinese Name:	Zinc finger protein217抗体
Alias:	zinc finger protein 217; ZABC 1; ZABC1; ZN 217; ZN217; ZNF 217; 4933431C08Rik; AW987152; Gm562; Zfp217; ZN217 HUMAN .
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,Mouse,Rat,Dog,Pig,Cow,Rabbit,
Applications:	ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800IF=1:100-500 (Paraffin sections need antigen repair) not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight:	115kDa
Cellular localization:	The nucleus
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from human ZNF217:151-250/1061
Lsotype:	IgG
Purification:	affinity purified by Protein A
Storage Buffer:	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage:	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
PubMed:	PubMed
Product Detail:	ZNF217 (Zinc-finger protein 217) is a Kruppel-like zinc-finger protein which functions as a transcriptional repressor protein and forms a complex with a number of proteins including CoREST, BHC110/LSD1, HDAC2 and CtBP1. ZNF217 has been shown to repress E-cadherin promoter activity. ZNF217 is overexpressed in a number of cancers including breast and ovarian. ZNF217 and its associated proteins have been implicated in a novel pathway that is involved in cancer progression.

Function:

Binds to the promoters of target genes and functions as epressor. Promotes cell proliferation and antagonizes cell death. romotes phosphorylation of AKT1 at 'Ser-473'.

Subunit:

Component of a histone deacetylase complex that contains DAC2, KDM1A, CTBP1 and ZNF217. May be a component of a BHC histone eacetylase complex that contains HDAC1, HDAC2, HMG20B/BRAF35, DM1A, RCOR1/CoREST, PHF21A/BHC80, ZMYM2, ZNF217, ZMYM3, GSE1 and TF2I. Interacts with CTBP1 and CTBP2.

Subcellular Location:

Nucleus (Probable).

Similarity:

Belongs to the krueppel C2H2-type zinc-finger protein family. Contains 7 C2H2-type zinc fingers.

SWISS:

O75362

Gene ID:

7764

Database links:

[Entrez Gene: 7764](#)Human

[Omim: 602967](#)Human

[SwissProt: O75362](#)Human

[Unigene: 155040](#)Human

[Unigene: 711564](#)Human

Important Note:

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.