

ZBED2 Antibody

Catalog # ASC10884

Product Information

Application	WB, ICC, E
Primary Accession	Q9BTP6
Other Accession	NP_078784 , 56790947
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Calculated MW	25122
Concentration (mg/ml)	1 mg/mL
Conjugate	Unconjugated
Application Notes	ZBED2 antibody can be used for detection of ZBED2 by Western blot at 1 - 2 μ g/mL. Antibody can also be used for immunocytochemistry starting at 5 μ g/mL.

Additional Information

Gene ID	79413
Other Names	Zinc finger BED domain-containing protein 2, ZBED2
Target/Specificity	ZBED2; This antibody is predicted to have no cross-reactivity to ZBED1 or ZBED3.
Reconstitution & Storage	ZBED2 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	ZBED2 Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	ZBED2
Function	Transcriptional regulator which has intrinsic repressor activity and which competes with the transcriptional activator IRF1 for binding to the 5'-[CA]GAA[AC]C[CT]-3' consensus sequence in gene promoters (PubMed: 32385160). May thereby play a role in keratinocyte differentiation (PubMed: 31552090).
Cellular Location	Nucleus.
Tissue Location	Expressed in keratinocytes.

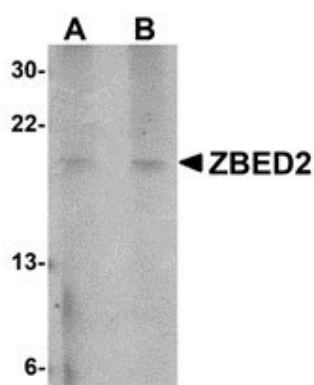
Background

ZBED2 Antibody: The ZBED2 protein possesses a BED-type zinc finger, a 50 to 60 amino acid domain that contains a characteristic motif with two highly conserved aromatic positions, as well as a shared pattern of cysteines and histidines that is predicted to form the zinc finger. ZBED2 was identified through a screening of 37 human gastric cancer cDNA libraries. While the function of this protein unknown at this time, the presence of the zinc finger suggests that it may have DNA or RNA binding properties.

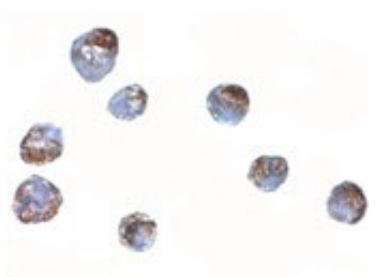
References

Oh J-H, Yang JO, Hahn Y, et al. Transcriptome analysis of human gastric cancer. *Mamm. Genome*2005; 16:942-54.

Images



Western blot analysis of ZBED2 in A549 cell lysate with ZBED2 antibody at (A) 1 and (B) 2 μ g/mL.



Immunocytochemistry of ZBED2 in A549 cells with ZBED2 antibody at 5 μ g/mL.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.