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ZNF277 Rabbit pAb

Catalog # AP97577

Product Information

Application	WB, IHC-P, IHC-F, IF, E
Primary Accession	Q9NRM2
Other Accession	Q9NRM2
Predicted	Rat, Pig, Human, Mouse, Rabbit, Dog, Sheep
Host	Rabbit
Clonality	Polyclonal
Calculated MW	52788
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human ZNF277
Epitope Specificity	201-300/450
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SIMILARITY	Belongs to the ZNF277 family. Contains 2 C2H2-type zinc fingers.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	Several mammalian kinases have been identified with sequence similarity to the Saccharomyces cerevisiae serine/threonine kinase STE20. STE20 is involved in relaying signals from G-protein coupled receptors to cytosolic MAP kinase cascades, and it lies upstream of a MAP kinase kinase kinase. Mammalian STE20-like kinases include KHS, GLK, NIK, YSK1, HPK1, Krs-1, Krs-2 and GC kinase. KHS (for kinase homologous to SPS1/STE20) is a protein that is most closely related to GC kinase. The KHS kinase has been shown to activate a variety of substrates, including JNK, suggesting a role in stress response.

Additional Information

Gene ID	11179
Other Names	NRIF4; ZNF277P; ZN277_HUMAN; ZNF277; Nuclear receptor-interacting factor 4; zinc finger protein 277; zinc finger protein (C2H2 type) 277; zinc finger protein 277 pseudogene
Dilution	WB=1:500-2000,IHC-P=1:100-500,IHC-F=1:100-500,ICC/IF=1:100-500,IF=1:100-500,ELISA=1:5000-10000
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. 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.

Protein Information

Name	ZNF277
Synonyms	NRIF4, ZNF277P
Function	Probable transcription factor. Involved in modulation of cellular senescence; represses transcription of the tumor suppressor gene INK4A/ARF, perhaps acting via the Polycomb group (PcG) complex PRC1.
Cellular Location	Nucleus.

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