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anti-GFI1 antibody (N-Term)





Go to Product page

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Quantity:	100 μL
Target:	GFI1
Binding Specificity:	N-Term
Reactivity:	Human, Rat, Mouse, Cow, Dog, Rabbit, Guinea Pig, Horse, Pig
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This GFI1 antibody is un-conjugated
Application:	Western Blotting (WB)
Product Details	
Immunogen:	The immunogen is a synthetic peptide directed towards the N terminal region of human GFI1
Immunogen: Sequence:	The immunogen is a synthetic peptide directed towards the N terminal region of human GFI1 VPAPSRADST SNAGGAKAEP RDRLSPESQL TEAPDRASAS PDSCEGSVCE
Sequence:	VPAPSRADST SNAGGAKAEP RDRLSPESQL TEAPDRASAS PDSCEGSVCE Cow: 100%, Dog: 93%, Guinea Pig: 93%, Horse: 93%, Human: 100%, Mouse: 93%, Pig: 100%,
Sequence: Predicted Reactivity:	VPAPSRADST SNAGGAKAEP RDRLSPESQL TEAPDRASAS PDSCEGSVCE Cow: 100%, Dog: 93%, Guinea Pig: 93%, Horse: 93%, Human: 100%, Mouse: 93%, Pig: 100%, Rabbit: 79%, Rat: 100% This is a rabbit polyclonal antibody against GFI1. It was validated on Western Blot using a cell
Sequence: Predicted Reactivity: Characteristics:	VPAPSRADST SNAGGAKAEP RDRLSPESQL TEAPDRASAS PDSCEGSVCE Cow: 100%, Dog: 93%, Guinea Pig: 93%, Horse: 93%, Human: 100%, Mouse: 93%, Pig: 100%, Rabbit: 79%, Rat: 100% This is a rabbit polyclonal antibody against GFI1. It was validated on Western Blot using a cell lysate as a positive control.

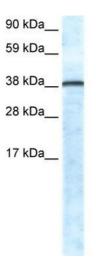
Target Details

Alternative Name:	GFI1 (GFI1 Products)		
Background:	GFI1 may be a transcription factor involved in regulating the expression of genes active in the S		
	phase during cell cycle progression in T-cells. GFI1 may be involved in tumor progression.		
	Defects in GFI1 are a cause of autosomal dominant severe congenital neutropenia (SCN) and		
	dominant nonimmune chronic idiopathic neutropenia of adults (NI-CINA) This gene encodes a		
	nuclear zinc finger protein that functions as a transcriptional repressor. This protein plays a role		
	in diverse developmental contexts, including hematopoiesis and oncogenesis. It functions as		
	part of a complex along with other cofactors to control histone modifications that lead to		
	silencing of the target gene promoters. Mutations in this gene cause autosomal dominant		
	severe congenital neutropenia, and also dominant nonimmune chronic idiopathic neutropenia		
	of adults, which are heterogeneous hematopoietic disorders that cause predispositions to		
	leukemias and infections. Multiple alternatively spliced variants, encoding the same protein,		
	have been identified for this gene.		
	Alias Symbols: ZNF163, SCN2, GFI-1		
	Protein Interaction Partner: RELA, SPI1, CHAF1A, PICK1, PIAS2, RCOR1, KDM1A, HDAC2,		
	PRDM5, HDAC1, EHMT2, PIAS3, RUNX1T1, ARIH2, UBC,		
	Protein Size: 422		
Molecular Weight:	45 kDa		
Gene ID:	2672		
NCBI Accession:	NM_005263, NP_005254		
UniProt:	Q99684		
Application Details			
Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.		
Comment:	Antigen size: 422 AA		
Restrictions:	For Research Use only		
Handling			
Format:	Liquid		
Concentration:	Lot specific		
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 %		
	sucrose.		

Handling

Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

Images



Western Blotting

Image 1. WB Suggested Anti-GFI1 Antibody Titration: 0.2-1 ug/ml ELISA Titer: 1:12500 Positive Control: Human Lung