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Datasheet for ABIN969174

anti-GFI1 antibody

1 Image

2 Publications

Overview

Quantity:	100 µL
Target:	GFI1
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This GFI1 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Immunogen:	Purified recombinant fragment of human GFI1 expressed in E. coli.
Clone:	5D7
Isotype:	IgG1
Purification:	purified

Target Details

Target:	GFI1
Alternative Name:	GFI1 (GFI1 Products)
Background:	Description: 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

Target Details

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. Expression of GFI1 ranges from the hematopoietic and lymphoid system, to sensory epithelia, lung and parts of the CNS.

Aliases: SCN2, GFI-1, ZNF163, FLJ94509, GFI1

Molecular Weight:	45 kDa
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Gene ID:	2672
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HGNC:	2672
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Application Details

Application Notes:	ELISA: 1:10000, WB: 1:500 - 1:2000
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Restrictions:	For Research Use only
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Handling

Format:	Liquid
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Buffer:	Ascitic fluid containing 0.03 % sodium azide.
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Preservative:	Sodium azide
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Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
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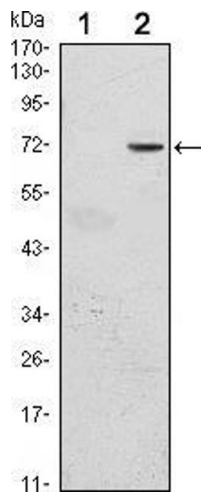
Storage:	4 °C/-20 °C
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Storage Comment:	4°C, -20°C for long term storage
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Publications

Product cited in:	Mishra, Thakur, Somal, Parmar, Yadav, Bharati, Bharti, Paul, Verma, Chouhan, Sharma, Singh, González, DOcchio, Sarkar et al.: "Expression and localization of angiopoietin family in buffalo ovarian follicles during different stages of development and modulatory role of angiopoietins on steroidogenesis and survival of cultured ..." in: Theriogenology , Vol. 86, Issue 7, pp. 1818-33, (2016) (PubMed).
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Mishra, Parmar, Yadav, Reshma, Bharati, Bharti, Paul, Chouhan, Taru Sharma, Singh, Sarkar et al.: "Expression and localization of angiopoietin family in corpus luteum during different stages of oestrous cycle and modulatory role of angiopoietins on steroidogenesis, angiogenesis and survivability ..." in: **Reproduction in domestic animals = Zuchthygiene**, Vol. 51, Issue 6, pp. 855-869, (2016) ([PubMed](#)).



Western Blotting

Image 1. Western blot analysis using GF11 mAb against HEK293 (1) and GF11(AA: 2-250)-hlgGFc transfected HEK293 (2) cell lysate.