Product Datasheet

DAZL Antibody
NB100-2437

Unit Size: 0.1 mg

Store at -20C. Avoid freeze-thaw cycles.

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Publications: 16

Protocols, Publications, Related Products, Reviews, Research Tools and Images at:
www.novusbio.com/NB100-2437

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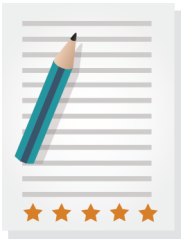

NB100-2437

DAZL Antibody

Product Information	
Unit Size	0.1 mg
Concentration	0.5 mg/ml
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	Tris saline (20 mM Tris pH 7.3, 150 mM NaCl), 0.5% BSA

Product Description	
Description	Novus Biologicals Knockout (KO) Validated Goat DAZL Antibody (NB100-2437) is a polyclonal antibody validated for use in IHC, WB, ELISA and ICC/IF. Anti-DAZL Antibody: Cited in 16 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Goat
Gene ID	1618
Gene Symbol	DAZL
Species	Human, Mouse, Rat, Canine
Reactivity Notes	Canine reactivity reported in scientific literature (PMID: 23690628). Human reactivity reported in scientific literature (PMID: 29713018). Mouse reactivity scientific literature (PMID: 29721205) . Predicted cross-reactivity based on sequence identity: Bovine.
Immunogen	Peptide with sequence C-GNGPQKKSVDR corresponding to internal region according to NP_001342.2.

Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Peptide ELISA, PCR
Recommended Dilutions	Western Blot 0.5 - 1 ug/mL, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry-Paraffin, Peptide ELISA Detection limit 1:32000, PCR
Application Notes	Use in PCR reported in scientific literature (PMID:33791879) Western blot: Approx. 38 kDa band observed in Rat Testis lysates (calculated MW of 31.4 kDa according to NP_001102884.1). Use in ICC/IF reported in scientific literature (PMID: 26916381). Use in IHC reported in scientific literature (PMID: 30302273). Use in IHC-P reported in scientific literature (PMID: 29721205).

Images

Western Blot: DAZL Antibody [NB100-2437] - Rat Testes lysate (35 ug protein in RIPA buffer). Antibody at 1 ug/mL. Detected by chemiluminescence.

Publications

Ma Z, Zhang F, Xiong J et al. Activation of embryonic/germ cell-like axis links poor outcomes of gliomas Cancer cell international 2022-11-26 [PMID: 36435765]

Zhan Ma, Fengyu Z, Aiping L et al. Somatic-to-primordial Germ Cell-Like Transformation is Critical in Tumour Initiation of Mouse Breast Tumour 4T1 Cells Preprint 2022-11-04 [PMID: 37168326] (KO, WB, Mouse)

Sun S, Jiang Y, Zhang Q et al. Znhit1 controls meiotic initiation in male germ cells by coordinating with Stra8 to activate meiotic gene expression Developmental cell 2022-04-11 [PMID: 35413238]

Liu, C, Ma, Z Et al. Identification of primordial germ cell-like cells as liver metastasis initiating cells in mouse tumour models. Cell Discov 2020-03-24 [PMID: 33758163]

Sayed WM, Elzainy A Impact of platelet-rich plasma versus selenium in ameliorating induced toxicity in rat testis: histological, immunohistochemical, and molecular study Cell and tissue research 2021-04-01 [PMID: 33791879] (PCR)

Liu C, Ma Z, Cai Z et Al. Identification of primordial germ cell-like cells as liver metastasis initiating cells in mouse tumour models Cell Discov 2020-03-24 [PMID: 32218989] (IF/IHC, Mouse)

Liu C, Cai Z, Jin G et al. Abnormal gametogenesis induced by p53 deficiency promotes tumor progression and drug resistance. Cell Discov. 2018-10-02 [PMID: 30302273] (IF/IHC, Mouse)

Levi M, Stemmer SM, Stein J et al. Treosulfan induces distinctive gonadal toxicity compared with busulfan Oncotarget 2018-04-10 [PMID: 29721205] (IHC-P, Mouse)

Fang F, Angulo B, Xia N et al. A PAX5-OCT4-PRDM1 developmental switch specifies human primordial germ cells Nat. Cell Biol. 2018-06-01 [PMID: 29713018] (Human)

Guo K, Li CH, Wang XY et al. Germ stem cells are active in postnatal mouse ovary under physiological conditions. Mol. Hum. Reprod. 2016-05-01 [PMID: 26916381] (ICC/IF, Mouse)

Levi M, Tzabari M, Savion N et al. Dexrazoxane exacerbates doxorubicin-induced testicular toxicity. Reproduction 2015-10-01 [PMID: 26329125] (IHC-P, Mouse)

Cauffman G, Van de Velde H, Liebaers I, Van Steirteghem A. DAZL expression in human oocytes, preimplantation embryos and embryonic stem cells. Mol Hum Reprod 2005-06-01 [PMID: 15879466]

More publications at http://www.novusbio.com/NB100-2437

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Products Related to NB100-2437

NB820-59243	Human Ovary Whole Tissue Lysate (Adult Whole Normal)
HAF017	Rabbit anti-Goat IgG Secondary Antibody [HRP (Horseradish Peroxidase)]
HAF109	Donkey anti-Goat IgG Secondary Antibody [HRP (Horseradish Peroxidase)]
NB410-28088-1mg	Goat IgG Isotype Control

Limitations
This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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