Datasheet for ABIN2776557

anti-DGCR8 antibody (N-Term)

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Overview

Quantity:	100 µL
Target:	DGCR8
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Rat, Cow, Dog, Horse, Guinea Pig, Rabbit, Zebrafish (Danio rerio)
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This DGCR8 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the N terminal region of human DGCR8
Sequence:	DKKDEENELD QEKRVEYAVL DELEDFTDNL ELDEEGAGGF TAKAIVQRDR
Predicted Reactivity:	Cow: 85%, Dog: 100%, Guinea Pig: 100%, Horse: 93%, Human: 100%, Mouse: 100%, Rabbit: 93%, Rat: 100%, Zebrafish: 77%
Characteristics:	This is a rabbit polyclonal antibody against DGCR8. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

Target Details

Target:	DGCR8

Target Details

Alternative Name:	DGCR8 (DGCR8 Products)
Background:	DGCR8 contains 2 DRBM (double-stranded RNA-binding) domains and 1 WW domain. It may play a part in the etiology of the velocardiofacial/DiGeorge syndrome (VCFS/DGS), a developmental disorder characterized by structural and functional palate anomalies, conotruncal cardiac malformations, immunodeficiency, hypocalcemia, and typical facial anomalies. Alias Symbols: C22orf12, DGCRK6, Gy1, pasha Protein Interaction Partner: MEOX2, PYCRL, DROSHA, RAE1, MAPK1, PRMT1, ERH, CDKN2A, BMI1, SRPK2, SRPK1, CDT1, NAT10, PLEK2, RPRD2, MAPRE2, PRPF4, FLII, APP, CUL3, DDX17, HNRNPR, NCL, ILF3, HSPA8, HSPA5, HNRNPU, HNRNPH1, FUS, DHX9, DDX5, Protein Size: 773
Molecular Weight:	85 kDa
Gene ID:	54487
NCBI Accession:	NM_022720, NP_073557
UniProt:	Q8WYQ5
Pathways:	Regulatory RNA Pathways

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 773 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.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

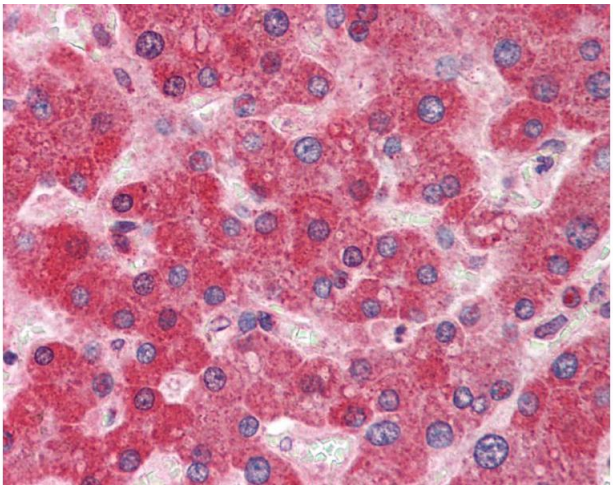
Handling

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.

Publications

Product cited in:	Takeshita, Ichikawa, Nitta, Goyama, Asai, Ogawa, Chiba, Kurokawa: "AML1-Evi-1 specifically transforms hematopoietic stem cells through fusion of the entire Evi-1 sequence to AML1." in: **Leukemia**, Vol. 22, Issue 6, pp. 1241-9, (2008) (PubMed).

Images



Immunohistochemistry

Image 1.

Western Blotting

Image 2. Host: Rabbit Target Name: DGCR8 Sample Type: Hela Cell lysates Antibody Dilution: 1.0ug/ml