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anti-DGCR2 antibody (Middle Region)

2 Images



Go to Product page

Overview

Quantity:	100 μL
Target:	DGCR2 (DGS2)
Binding Specificity:	Middle Region
Reactivity:	Human, Mouse, Rat, Cow, Guinea Pig, Dog, Horse, Rabbit, Zebrafish (Danio rerio)
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This DGCR2 antibody is un-conjugated
Application:	Western Blotting (WB)
Product Details	
Immunogen:	The immunogen is a synthetic peptide directed towards the middle region of human DGCR2
Sequence:	AESCYEKSSF LCKRSQTCVD IKDNVVDEGF YFTPKGDDPC LSCTCHGGEP
Predicted Reactivity:	Cow: 100%, Dog: 100%, Guinea Pig: 100%, Horse: 100%, Human: 100%, Mouse: 100%, Rabbit: 100%, Rat: 100%, Zebrafish: 86%
Characteristics:	This is a rabbit polyclonal antibody against DGCR2. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified
Target Details	

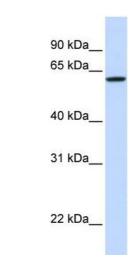
Target Details

Alternative Name:	DGCR2 (DGS2 Products)
Background:	Deletions of the 22q11.2 have been associated with a wide range of developmental defects classified under the acronym CATCH 22. The DGCR2 is a novel putative adhesion receptor protein, which could play a role in neural crest cells migration, a process which has been proposed to be altered in DiGeorge syndrome. Deletions of the 22q11.2 have been associated with a wide range of developmental defects (notably DiGeorge syndrome, velocardiofacial syndrome, conotruncal anomaly face syndrome and isolated conotruncal cardiac defects) classified under the acronym CATCH 22. The DGCR2 gene encodes a novel putative adhesion receptor protein, which could play a role in neural crest cells migration, a process which has been proposed to be altered in DiGeorge syndrome. Alias Symbols: DGS-C, DKFZp686I1730, IDD, KIAA0163, LAN, SEZ-12 Protein Interaction Partner: HNRNPD, SMURF2, DDIT3,
Molecular Weight:	61 kDa
Gene ID:	9993
NCBI Accession:	NM_005137, NP_005128
UniProt:	P98153
Application Details	
Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 550 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

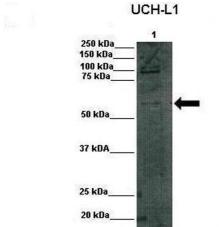
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small
	aliquots to prevent freeze-thaw cycles.

Images



Western Blotting

Image 1. WB Suggested Anti-DGCR2 Antibody Titration: 0.2-1 ug/ml ELISA Titer: 1:62500 Positive Control: Hela celllysate



Western Blotting

Image 2. Lanes: Lane 1: 75,000 rat INS1 cells Primary Antibody Dilution: 1:1000 Secondary Antibody: Anti rabbit-HRP Secondary Antibody Dilution: 1:1000 Gene Name: DGCR2 Submitted by: Benedich Bracleva, VUB, Universitair Ziekenhuis Brussel

See Immunoblot 2 Data and Customer Feedback for more Information