

Datasheet for ABIN2778701
anti-DAZ2 antibody (N-Term)

2 Images

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Overview

Quantity:	100 µL
Target:	DAZ2
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Cow, Dog, Goat, Guinea Pig, Horse, Rabbit, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This DAZ2 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 DAZ2
Sequence:	MDETEIGSCF GRYGSVKEVK IITNRTGVSK GYGFVSFVND VDVQKIVGSQ
Predicted Reactivity:	Cow: 93%, Dog: 93%, Goat: 93%, Guinea Pig: 93%, Horse: 93%, Human: 100%, Mouse: 93%, Rabbit: 93%, Rat: 93%
Characteristics:	This is a rabbit polyclonal antibody against DAZ2. It was validated on Western Blot and immunohistochemistry.
Purification:	Affinity Purified

Target Details

Target:	DAZ2
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Target Details

Alternative Name:	DAZ2 (DAZ2 Products)
Background:	<p>DAZ2 is a member of the DAZ family and is a candidate for the human Y-chromosomal azoospermia factor (AZF). This RNA-binding protein is important for spermatogenesis. This gene is a member of the DAZ gene family and is a candidate for the human Y-chromosomal azoospermia factor (AZF). Its expression is restricted to premeiotic germ cells, particularly in spermatogonia. It encodes an RNA-binding protein that is important for spermatogenesis. Four copies of this gene are found on chromosome Y within palindromic duplications, one pair of genes is part of the P2 palindrome and the second pair is part of the P1 palindrome. Each gene contains a 2.4 kb repeat including a 72-bp exon, called the DAZ repeat, the number of DAZ repeats is variable and there are several variations in the sequence of the DAZ repeat. Each copy of the gene also contains a 10.8 kb region that may be amplified, this region includes five exons that encode an RNA recognition motif (RRM) domain. This gene contains one copy of the 10.8 kb repeat. Alternative splicing results in multiple transcript variants encoding different isoforms.</p> <p>Alias Symbols: pDP1678</p> <p>Protein Interaction Partner: UBC, PUM2,</p> <p>Protein Size: 534</p>
Molecular Weight:	59 kDa
Gene ID:	57055
NCBI Accession:	NM_001005785 , NP_001005785
UniProt:	Q2KHN6

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 534 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

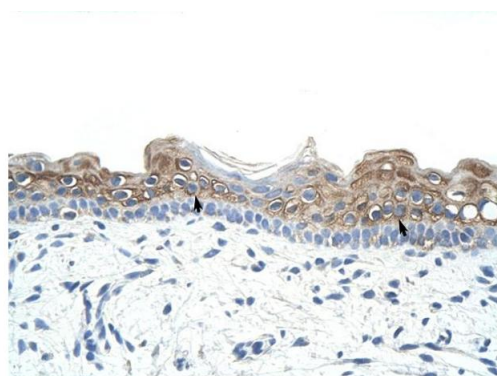
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For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

Images



Western Blotting

Image 1. WB Suggested Anti-DAZ2 Antibody Titration: 0.2-1 ug/ml Positive Control: Daudi cell lysate DAZ2 is strongly supported by BioGPS gene expression data to be expressed in Human Daudi cells



Rabbit Anti-DAZ2 Antibody
Catalog Number: ARP40250
Lot Number: QC10287
Paraffin Embedded Tissue: Human Skin
Cells with Positive label: Squamous epithelial cells (Indicated with Arrows)
Antibody Concentration: 4.0-8.0 µg/ml
Magnification: 400X

Immunohistochemistry

Image 2. Rabbit Anti-DAZ2 Antibody Paraffin Embedded Tissue: Human Skin Cellular Data: Squamous epithelial cells Antibody Concentration: 4.0-8.0 ug/ml Magnification: 400X