

Datasheet for ABIN2777439
anti-JMJD6 antibody (Middle Region)[Go to Product page](#)

2 Images

Overview

Quantity:	100 µL
Target:	JMJD6
Binding Specificity:	Middle Region
Reactivity:	Human, Mouse, Rat, Dog, Cow, Zebrafish (Danio rerio), Horse, Guinea Pig, Rabbit
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This JMJD6 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the middle region of human PTDSR
Sequence:	PRELIKVTRD EGGNQQDEAI TWFNVIYPRT QLPTWPPEFK PLEILQKPGE
Predicted Reactivity:	Cow: 93%, Dog: 93%, Guinea Pig: 93%, Horse: 93%, Human: 100%, Mouse: 93%, Rabbit: 93%, Rat: 93%, Zebrafish: 100%
Characteristics:	This is a rabbit polyclonal antibody against PTDSR. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

Target Details

Target:	JMJD6
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Target Details

Alternative Name:	PTDSR (JMJD6 Products)
Background:	<p>PTDSR is required during embryogenesis and differentiation of multiple organs during embryogenesis. PTDSR probably acts as a key regulator of hematopoietic differentiation. PTDSR may not be required for apoptotic cell clearance by macrophages but seems to be necessary for the regulation of macrophage cytokine responses</p> <p>Alias Symbols: PSR, PTDSR, PTDSR1</p> <p>Protein Interaction Partner: NAA50, FRMD6, UBC, C17orf97, RSPO2, STAC3, FAM9A, FGD5, AEBP2, CENPL, PRPF38A, ANKEF1, CCNL1, CAND1, ASUN, NHP2, SLFN12, VPS29, LARP7, ZCCHC17, RSRC1, CYHR1, RANBP6, ZNF451, BRD4, DIP2A, SWAP70, XPO7, SEC24A, SLU7, DNMT1L, HMGXB4, GNA14, VPS26A, TAF1A, HIS</p> <p>Protein Size: 372</p>
Molecular Weight:	43 kDa
Gene ID:	23210
NCBI Accession:	NM_015167 , NP_055982

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 372 AA
Restrictions:	For Research Use only

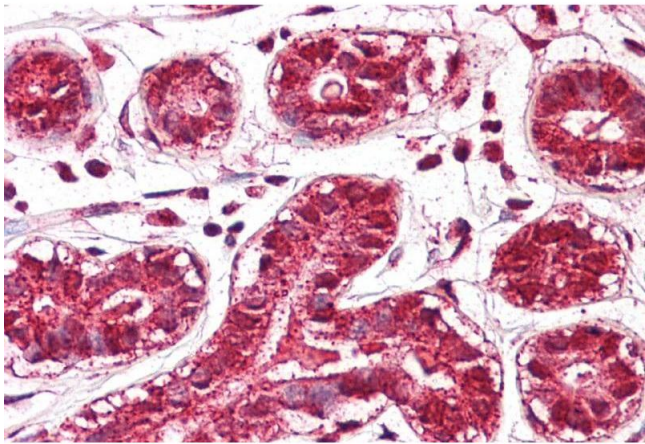
Handling

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 Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C

Handling

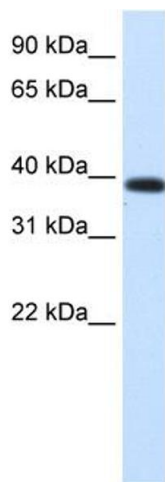
Storage Comment: For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

Images



Immunohistochemistry

Image 1. IHC Suggested Anti-PTDSR antibody Titration: 5ug/ ml Positive Control: Breast



Western Blotting

Image 2. WB Suggested Anti-PTDSR Antibody Titration: 0.2-1 ug/ml ELISA Titer: 1:1562500 Positive Control: Human kidney