# antibodies - online.com







## anti-SDR16C5 antibody (Middle Region)



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Quantity:	100 μL
Target:	SDR16C5 (RDHE2)
Binding Specificity:	Middle Region
Reactivity:	Human, Rat, Guinea Pig
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SDR16C5 antibody is un-conjugated
Application:	Western Blotting (WB)

#### **Product Details**

Immunogen:	The immunogen is a synthetic peptide directed towards the middle region of human RDHE2
Sequence:	AGLSGVNGLA DYCASKFAAF GFAESVFVET FVQKQKGIKT TIVCPFFIKT
Predicted Reactivity:	Guinea Pig: 92%, Human: 100%, Rat: 93%
Characteristics:	This is a rabbit polyclonal antibody against RDHE2. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

### **Target Details**

Target:	SDR16C5 (RDHE2)
Alternative Name:	RDHE2 (RDHE2 Products)

#### **Target Details**

- Target Details	
Background:	The specific function of RDHE2 is not yet known.RDHE2 belongs to a family of short-chain
	alcohol dehydrogenases/reductases that catalyze the first and rate-limiting step that generates
	retinaldehyde from retinol (Matsuzaka et al., 2002 [PubMed 12372410]).[supplied by OMIM].
	PRIMARYREFSEQ_SPAN PRIMARY_IDENTIFIER PRIMARY_SPAN COMP 1-454 AB083038.1 1-
	454 455-1307 AK095159.1 549-1401 1308-2860 BC037219.1 749-2301 2861-3039
	BC037219.1 2303-2481
	Alias Symbols: FLJ33105, RDH#2, RDH-E2, RDHE2
	Protein Interaction Partner: NLK, UBC, EXTL1,
	Protein Size: 309
Molecular Weight:	34 kDa
Gene ID:	195814
NCBI Accession:	NM_138969, NP_620419

## **Application Details**

Q8N3Y7

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.	
Comment:	Antigen size: 309 AA	
Restrictions:	For Research Use only	

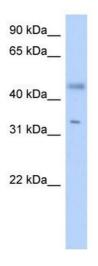
## Handling

UniProt:

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	
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-RDHE2 Antibody Titration:

0.2-1 ug/ml

**ELISA Titer:** 1:12500

Positive Control: Transfected 293T