

RDH13 Polyclonal Antibody
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP58968**Specification**

RDH13 Polyclonal Antibody - Product Information

Application	WB, IHC-P, IHC-F, IF, E
Primary Accession	Q8NBN7
Reactivity	Rat, Dog, Bovine
Host	Rabbit
Clonality	Polyclonal
Calculated MW	35932

RDH13 Polyclonal Antibody - Additional Information**Gene ID** 112724**Other Names**

Retinol dehydrogenase 13, 1.1.1.300, Short chain dehydrogenase/reductase family 7C member 3, RDH13, SDR7C3

Dilution

WB~1:1000
IHC-P~N/A
IHC-F~N/A
IF~1:50~200
E~N/A

Format

0.01M TBS(pH7.4), 0.09% (W/V) sodium azide and 50% Glyce

Storage

Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

RDH13 Polyclonal Antibody - Protein Information**Name** RDH13**Synonyms** SDR7C3**Function**

Retinol dehydrogenase with a clear preference for NADP. Oxidizes all-trans-retinol, but seems to reduce all-trans-retinal with much higher efficiency (PubMed:[18039331](http://www.uniprot.org/citations/18039331)). Has no activity toward steroids (PubMed:[18039331](http://www.uniprot.org/citations/18039331)).

Cellular Location

Mitochondrion inner membrane; Peripheral membrane protein. Note=Localized on the outer side of the inner mitochondrial membrane.

Tissue Location

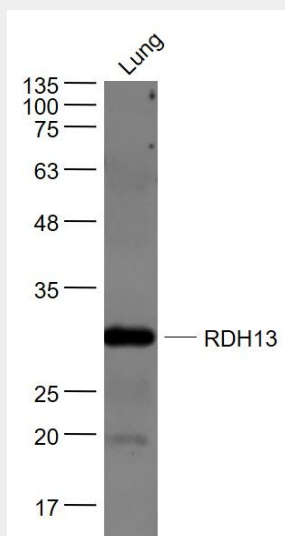
Widely expressed (PubMed:18039331). In the retina, detected in the inner segment of the photoreceptor cells. Weak signals are observed in a small population of inner nuclear neurons and the inner plexiform layer (PubMed:12226107).

RDH13 Polyclonal Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

RDH13 Polyclonal Antibody - Images



Sample:

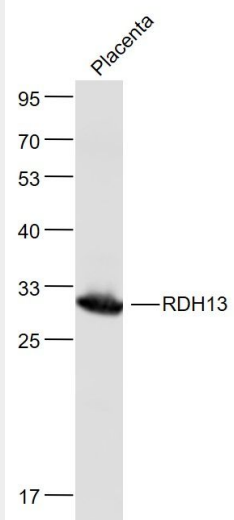
Lung (Mouse) Lysate at 40 ug

Primary: Anti- RDH13 (bs-8333R) at 1/1000 dilution

Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution

Predicted band size: 36 kD

Observed band size: 29 kD

**Sample:**

Placenta (Mouse) Lysate at 40 ug

Primary: Anti-RDH13 (bs-8333R) at 1/1000 dilution

Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution

Predicted band size: 36 kD

Observed band size: 29 kD