

PACO44971

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## Product Information

**Size:**

50ul

**Reactivity:**

Human

**Source:**

Rabbit

**Isotype:**

IgG

**Applications:**

ELISA, IHC

**Recommended dilutions:**

ELISA:1:2000-1:10000, IHC:1:20-1:200

**Protein Background:**

Exhibits an oxidoreductive catalytic activity towards retinoids. Most efficient as an NADPH-dependent retinal reductase. Displays high activity toward 9-cis and all-trans-retinol. Also involved in the metabolism of short-chain aldehydes. No steroid dehydrogenase activity detected. Might be the key enzyme in the formation of 11-cis-retinal from 11-cis-retinol during regeneration of the cone visual pigments.

**Gene ID:**

RDH12

**Uniprot**

Q96NR8

**Synonyms:**

Retinol dehydrogenase 12 (EC 1.1.1. -) (All-trans and 9-cis retinol dehydrogenase) (Short chain dehydrogenase/reductase family 7C member 2), RDH12, SDR7C2

**Immunogen:**

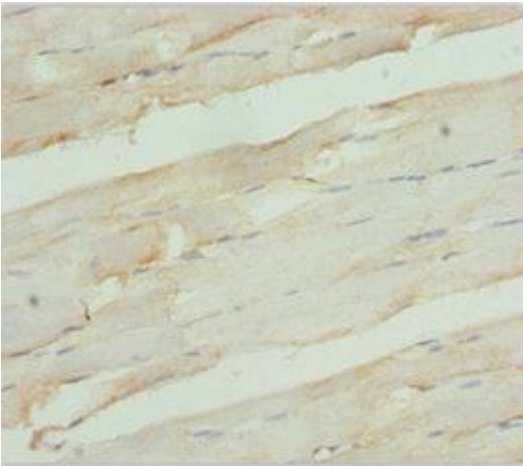
Recombinant Human Retinol dehydrogenase 12 protein (182-316AA).

**Storage:**

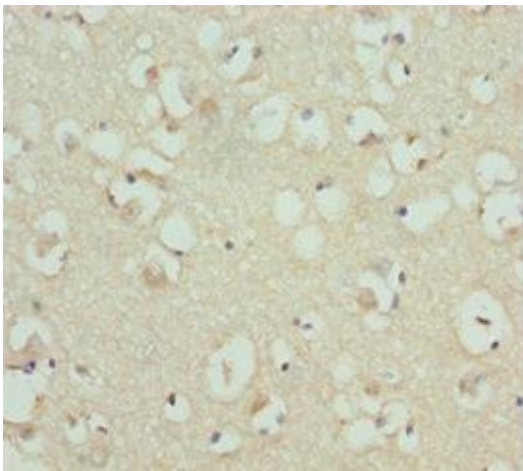
PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

## Product Images

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Immunohistochemistry of paraffin-embedded human skeletal muscle tissue using PACO44971 at dilution of 1:100.



Immunohistochemistry of paraffin-embedded human brain tissue using PACO44971 at dilution of 1:100.