

Datasheet

RDH12 purified MaxPab rabbit polyclonal antibody (D01P)

Catalog Number: H00145226-D01P

Regulation Status: For research use only (RUO)

Product Description: Rabbit polyclonal antibody raised against a full-length human RDH12 protein.

Immunogen: RDH12 (NP_689656.1, 1 a.a. ~ 316 a.a) full-length human protein.

Sequence:

MLVTLGLLTSSFFFLYVMVAPSIRKFFAGGVCRTNVQLP
GKVVVITGANTGIGKETARELASRGARVYIACRDVLKG
ESAASEIRVDTKNSQVLVRKLDLSDTKSIRAFAGFLAE
EKQLHILINNAGVMMCPYSKTADGFETHLGVNHLGHFL
LTYLLLEQLKVSAPARVVNVSSVAHHIGKIPFHDQSEK
RYSRGFAYCHSKLANVLFTRELAKRLQGTGVTYAVH
PGVVRSELVRHSSLLCLLWRLFSPFVKTAREGAQTSL
HCALEGLEPLSGKYFSDCKRTWVSPRARNNKTAERL
WNVSCCELLGIRWE

Host: Rabbit

Reactivity: Human

Applications: WB-Tr

(See our web site product page for detailed applications information)

Protocols: See our web site at

<http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

Storage Buffer: In 1x PBS, pH 7.4

Storage Instruction: Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Entrez GeneID: 145226

Gene Symbol: RDH12

Gene Alias: FLJ30273, LCA3, SDR7C2

Gene Summary: The protein encoded by this gene is an NADPH-dependent retinal reductase whose highest activity is toward 9-cis and all-trans-retinol. The encoded

enzyme also plays a role in the metabolism of short-chain aldehydes but does not exhibit steroid dehydrogenase activity. Defects in this gene are a cause of Leber congenital amaurosis type 3 (LCA3). [provided by RefSeq]