

For Research Use Only

XDH Recombinant antibody, PBS Only

Catalog Number: 85206-3-PBS



Basic Information

Catalog Number:

85206-3-PBS

Concentration:

1 mg/ml

Source:

Rabbit

Isotype:

IgG

GenBank Accession Number:

NM_000379

GeneID (NCBI):

7498

UNIPROT ID:

P47989

Full Name:

xanthine dehydrogenase

Calculated MW:

146 kDa

Observed MW:

147-150 kDa

Purification Method:

Protein A purification

CloneNo.:

242724E3

Applications

Tested Applications:

WB, Indirect ELISA

Species Specificity:

human, mouse, rat

Background Information

XDH, also named as XDHA, XO and XD, belongs to the xanthine dehydrogenase family. It catalyzes the last two steps of purine catabolism in man, formation of the end product uric acid from hypoxanthine and xanthine. The mammalian enzyme is synthesized as a dehydrogenase (XDH), which uses NAD as the electron acceptor, but it can be converted into an oxidase (XO) both in vivo and in vitro. This gene encodes a protein of 150 kDa and the 150 kDa polypeptide can be processed into a fragment of 130 kDa and further to 85 kDa by spontaneous proteolytic cleavage (PMID:9989587). In addition, the full length polypeptide can be also partially processed into a 87 kDa and 59 kDa fragments (PMID:21528298). It also can exist as a homodimer (PMID:9989587).

Storage

Storage:

Store at -80°C.

The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage Buffer:

PBS Only

For technical support and original validation data for this product please contact:

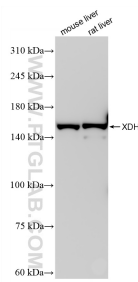
T: 4006900926

E: Proteintech-CN@ptglab.com

W: ptgcn.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 85206-3-RR (XDH antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 85206-3-PBS in a different storage buffer formulation.