

IYD Polyclonal antibody

Catalog Number: 16667-1-AP

4 Publications

Basic Information

Catalog Number:

16667-1-AP

Size:

133 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG10146

GenBank Accession Number:

BC056253

GeneID (NCBI):

389434

UNIPROT ID:

Q6PHW0

Full Name:

iodotyrosine deiodinase

Calculated MW:

289 aa, 33 kDa

Observed MW:

33 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:1000

Applications

Tested Applications:

WB, ELISA

Cited Applications:

WB, IF, IHC

Species Specificity:

human

Cited Species:

human, mouse

Positive Controls:

WB : human liver tissue,

Background Information

IYD(Iodotyrosine dehalogenase 1) is also named as C6orf71, DEHAL1 and belongs to the nitroreductase family. It is a transmembrane protein that deiodinates mono- and di-iodotyrosines (MIT, DIT) and recycles iodine, a scarce element in the environment, for the efficient synthesis of thyroid hormone. This protein has 6 isoforms produced by alternative splicing.

Notable Publications

Author	Pubmed ID	Journal	Application
Kyung Ho Han	31968623	Cells	IF
Yudong Liu	38492000	Cell Tissue Res	IHC
Liyu Qian	37294527	Breast Cancer Res Treat	WB

Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

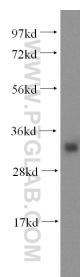
For technical support and original validation data for this product please contact:

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Selected Validation Data



human liver tissue were subjected to SDS PAGE followed by western blot with 16667-1-AP (IYD antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.