

IYD Rabbit Polyclonal Antibody



CAB9206

Product Information

Size:

20uL, 50uL, 100uL, 200uL

Observed MW:

25kDa

Calculated MW:

22kDa/28kDa/31kDa/32kDa/
33kDa

Applications:

WB

Reactivity:

Mouse

Antibody Information

Recommended dilutions:

WB 1:200 - 1:2000

Source:

Rabbit

Isotype:

IgG

Purification:

Affinity purification

Protein Background

This gene encodes an enzyme that catalyzes the oxidative NADPH-dependent deiodination of mono- and diiodotyrosine, which are the halogenated byproducts of thyroid hormone production. The N-terminus of the protein functions as a membrane anchor. Mutations in this gene cause congenital hypothyroidism due to dyshormonogenesis type 4, which is also referred to as deiodinase deficiency, or iodotyrosine dehalogenase deficiency, or thyroid hormonogenesis type 4. Alternative splicing results in multiple transcript variants.

Immunogen information

Gene ID:

389434

Uniprot

Q6PHW0

Synonyms:

IYD; C6orf71; DEHAL1; IYD-1; TDH4

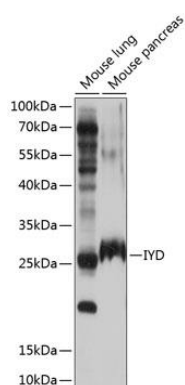
Immunogen:

Recombinant fusion protein containing a sequence corresponding to amino acids 24-214 of human IYD (NP_981932.1).

Storage:

Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Product Images



Western blot analysis of extracts of various cell lines, using IYD antibody (CAB9206) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (CABM00020). Exposure time: 10s.