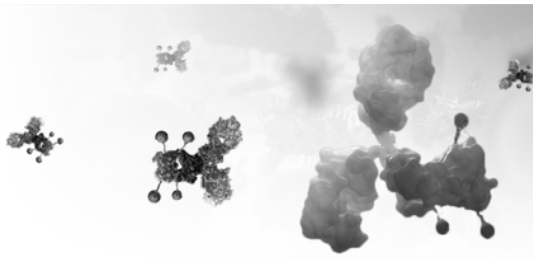

Rabbit Anti-Human IYD Polyclonal antibody (DPABH-07839)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Immunogen	IYD fusion protein, sequence: EPRTRAEARPWVDEDLKDSSDLHQAEEDADEWQESEENVEHIPFSHNHYPEKEMVKRSQE FYELLNKRRSVRFISNEQVPMEVIDNVIRTAGTAPSGAHTEPWTFVVVKDPDVKHKIRKI IEEEEEINYMKRMGHRWVTDLKKLRTNWIKEYLDTAPILILIFKQVHGFAANGKKKVHYY NEISVSIACGILLAALQNAGLVTVTTTPLNCGPRLRVLLGRPAHEKLPMLLPVGYPSKEA TVPDLKRKPLDQIMVTV (33-289aa encoded by BC056253)
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human
Purification	Antigen affinity purification
Conjugate	Unconjugated
Applications	WB, ELISA
Positive Control	human liver tissue
Format	Liquid
Size	50 µl, 100 µl
Buffer	PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Preservative	0.02% Sodium Azide
Storage	Store at -20°C. Aliquoting is unnecessary for -20°C storage.

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BACKGROUND

Introduction	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.
Keywords	IYD; iodotyrosine deiodinase; TDH4; DEHAL1; C6orf71; dJ422F24.1; iodotyrosine dehalogenase 1; IYD-1;

GENE INFORMATION

Entrez Gene ID	389434
UniProt ID	Q6PHW0

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