

Product datasheet for **TA334075**

IYD Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	The immunogen for Anti-IYD Antibody is: synthetic peptide directed towards the N-terminal region of Human IYD. Synthetic peptide located within the following region: NADRSMEKKKGEPRTAEARPWVDEDLKDSSDLHQAEEDADEWQSEENV
Formulation:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Purification:	Affinity Purified
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	27 kDa
Gene Name:	iodotyrosine deiodinase
Database Link:	NP_001158167 Entrez Gene 389434 Human Q6PHW0
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 dysmorphogenesis type 4, which is also referred to as deiodinase deficiency, or iodotyrosine dehalogenase deficiency, or thyroid morphogenesis type 4.
Synonyms:	C6orf71; DEHAL1; IYD-1; TDH4

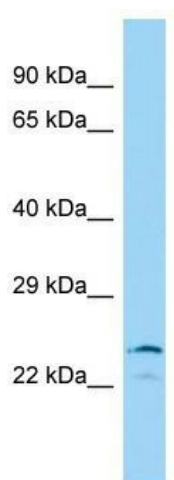


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Note: Immunogen sequence homology: Human: 100%; Rat: 86%; Dog: 79%; Rabbit: 79%; Bovine: 77%

Protein Families: Transmembrane

Product images:



Host: Rabbit; Target Name: IYD; Sample Tissue: 293T Whole Cell lysates; Antibody Dilution: 1.0 ug/ml