

Rabbit DIO2 Polyclonal Antibody | anti-DIO2 antibody

DIO2 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA328829	Rabbit	Human, Mouse Predicted: Pig, Bovine, Rabbit, Dog, Chicken	Immunohistochemistry, Western Blot

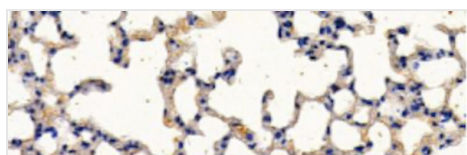
PRODUCT SYNONYMS

DIO2; Polyclonal Antibody; DIO2 Antibody; 5DII; D2; Deiodinase; iodothyronine; type II; DIOII; EC 1.97.1.10; IOD2_HUMAN; ITDI2; SeIY; Thyroxine deiodinase; TXDI2; Type 2 DI; Type 2 iodothyronine deiodinase; Type II 5' deiodinase; Type II iodothyronine deiodinase; Type-II 5"-deiodinase; anti-DIO2 antibody

PRODUCT SPECIFICATIONS

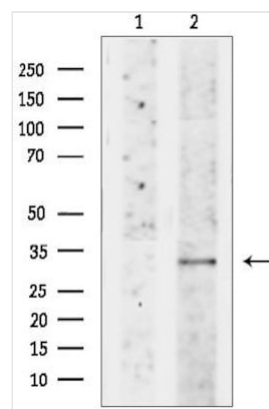
Host	Rabbit
Reactivity	Human, Mouse Predicted: Pig, Bovine, Rabbit, Dog, Chicken
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin (Thermo Fisher Scientific).
Form/Format	Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	~1mg/ml (varies by lot)
Sequence Length	273
Applicable Applications for anti-DIO2 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthesized peptide derived from human DIO2, corresponding to a region within N-terminal amino acids.
Preparation and Storage	Store at -20°C. Stable for 12 months from date of receipt.

IMAGES



IHC (Immunohistochemistry)

AAA328829 at 1/100 staining mouse lung tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the primary Ab at 4°C overnight. An HRP conjugated anti-rabbit Ab was used as the secondary Ab.



WB (Western Blot)

Western blot analysis of extracts from Rat ovary, using DIO2 Ab. The lane on the left was treated with blocking peptide.

NCBI AND UNIPROT INFORMATION

NCBI GI #	7549805
NCBI GeneID	1734
NCBI Accession #	NP_000784.2
NCBI GenBank Nucleotide #	NP_000784.2
UniProt Accession #	Q92813
Molecular Weight	31 kDa
NCBI Official Full Name	type II iodothyronine deiodinase isoform a
NCBI Official Synonym Full Names	iodothyronine deiodinase 2
NCBI Official Symbol	DIO2
NCBI Official Synonym Symbols	D2; 5DII; SeIY; DIOII; TXDI2
NCBI Protein Information	type II iodothyronine deiodinase
UniProt Protein Name	Type II iodothyronine deiodinase
UniProt Gene Name	DIO2
UniProt Synonym Gene Names	ITDI2; TXDI2

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/dio2-antibody-immunohistochemistry-western-blot-elisa/328829>