

Goat DIO2 Polyclonal Antibody | anti-DIO2 antibody

Goat anti-DIO2 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA61301	Goat	Tested: Mouse; Expected from sequence similarity: Human, Mouse, Rat, Pig	Immunohistochemistry, ELISA

PRODUCT SYNONYMS

DIO2; Polyclonal Antibody; Goat anti-DIO2 Antibody; deiodinase; iodothyronine; type II; 5DII; D2; SelY; TXDI2; thyroxine deiodinase; type 2 iodothyronine deiodinase; type II iodothyronine deiodinaseN: type-II 5'deiodinase; DIO2 antibody; type II antibody; 5DII antibody; D2 antibody; SelY antibody; TXDI2 antibody; type 2 iodothyronine deiodinase antibody; type II iodothyronine deiodinaseN: type-II 5\1deiodinase antibody; anti-DIO2 antibody

PRODUCT SPECIFICATIONS

Host	Goat
Reactivity	Tested: Mouse; Expected from sequence similarity: Human, Mouse, Rat, Pig
Clonality	Polyclonal
Purity/Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Form/Format	Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.
Concentration	100ug specific antibody in 200ul (varies by lot)
Sequence	EVKKHQNQED RC
Sequence Length	273
Applicable Applications for anti-DIO2 antibody	IHC (Immunohistochemistry), ELISA (Peptide ELISA)
Immunogen	Peptide with sequence EVKKHQNQEDRC, from the internal region of the protein sequence according to NP_000784.2; NP_054644.1; NP_001007024.1.
Epitope	Internal region
Note	This antibody is expected to recognise both reported isoform a (NP_000784.2 and NP_054644.1) and isoform b (NP_001007024.1).
Preparation and Storage	Aliquot and store at -20 degree C. Minimize freezing and thawing.

IMAGES



IHC (Immunohistochemistry)

2ug/ml staining of PFA-fixed cryo-sectioned Mouse Hippocampus. Microwaved antigen retrieval with citrate buffer pH 4.5, HRP-staining.

NCBI AND UNIPROT INFORMATION

NCBI GI #	7549805
NCBI GeneID	1734
NCBI Accession #	NP_000784.2; NP_054644.1; NP_001007024.1
NCBI GenBank Nucleotide #	NM_000793.5
Molecular Weight	34,704 Da
NCBI Official Full Name	type II iodothyronine deiodinase isoform a
NCBI Official Synonym Full Names	deiodinase, iodothyronine, type II
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
UniProt Entry Name	IOD2_HUMAN

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://stage.aaabiotech.com/polyclonal/dio2-antibody-immunohistochemistry-peptide-elisa-elisa/61301>