

Product datasheet

Anti-Dio3 antibody ab102926

★★★★★ 2 Abreviews 1 References 2 Images

Overview

Product name	Anti-Dio3 antibody
Description	Rabbit polyclonal to Dio3
Tested applications	Suitable for: WB, IHC-P
Species reactivity	Reacts with: Mouse, Human
Immunogen	Synthetic peptide conjugated to KLH, corresponding to a region within the C terminal amino acids 249-278 of Human Dio3 (NP_001353).
Positive control	HepG2 cell line lysates. Human hepatocarcinoma tissue.

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Store at 4°C (up to 6 months). Store at -20°C long term.
Storage buffer	Preservative: 0.09% Sodium Azide Constituents: PBS
Purity	Immunogen affinity purified
Purification notes	ab102926 is purified through a protein A column, followed by peptide affinity purification.
Clonality	Polyclonal
Isotype	IgG

Applications

Our [Abpromise guarantee](#) covers the use of **ab102926** in the following tested applications.

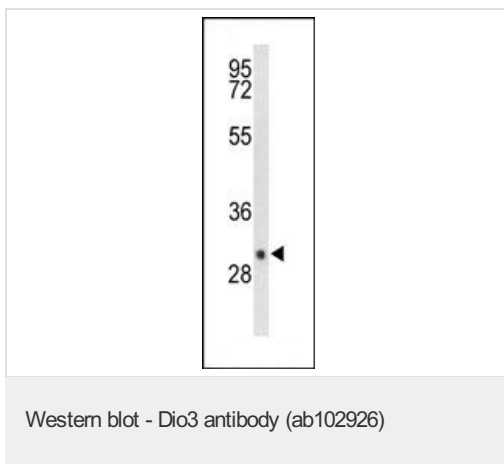
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
WB	★★★★★	1/100 - 1/500. Predicted molecular weight: 34 kDa.
IHC-P		1/50 - 1/100. Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol.

Target

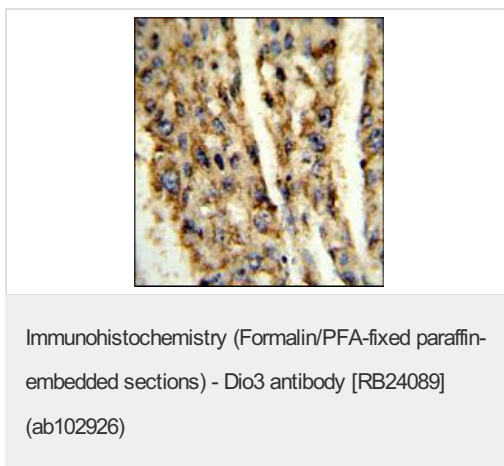
Function	Responsible for the deiodination of T4 (3,5,3',5'-tetraiodothyronine) into RT3 (3,3',5'-triiodothyronine) and of T3 (3,5,3'-triiodothyronine) into T2 (3,3'-diiodothyronine). RT3 and T2 are inactive metabolites. May play a role in preventing premature exposure of developing fetal tissues to adult levels of thyroid hormones. Can regulate circulating fetal thyroid hormone concentrations throughout gestation. Essential role for regulation of thyroid hormone inactivation during embryological development.
Tissue specificity	Expressed in placenta and several fetal tissues.
Sequence similarities	Belongs to the iodothyronine deiodinase family.
Cellular localization	Cell membrane. Endosome membrane.

Images



Anti-Dio3 antibody (ab102926) at 1/100 dilution + HepG2 cell line lysate at 35 µg

Predicted band size : 34 kDa



ab102926 at 1/50 staining Dio3 in Formalin-fixed and paraffin-embedded Human hepatocarcinoma by Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections). Detection utilised DAB.

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