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Datasheet for ABIN6265535  
**anti-DP1 antibody (C-Term)**

4 Images

### Overview

Quantity:	100 µL
Target:	DP1 (TFDP1)
Binding Specificity:	C-Term
Reactivity:	Human, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This DP1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), ELISA, Immunofluorescence (IF), Immunocytochemistry (ICC)

### Product Details

Immunogen:	A synthesized peptide derived from human TFDP1, corresponding to a region within C-terminal amino acids.
Isotype:	IgG
Specificity:	TFDP1 Antibody detects endogenous levels of total TFDP1.
Purification:	The antiserum was purified by peptide affinity chromatography using SulfoLink™ Coupling Resin (Thermo Fisher Scientific).

### Target Details

Target:	DP1 (TFDP1)
Alternative Name:	TFDP1 ( <a href="#">TFDP1 Products</a> )

## Target Details

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**Background:** Description: Can stimulate E2F-dependent transcription. Binds DNA cooperatively with E2F family members through the E2 recognition site, 5'-TTTC[CG]CGC-3', found in the promoter region of a number of genes whose products are involved in cell cycle regulation or in DNA replication (PubMed:8405995, PubMed:7739537). The E2F1:DP complex appears to mediate both cell proliferation and apoptosis. Blocks adipocyte differentiation by repressing CEBPA binding to its target gene promoters (PubMed:20176812).  
Gene: TFDP1

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**Molecular Weight:** 55kDa

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**Gene ID:** 7027

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**UniProt:** [Q14186](#)

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**Pathways:** [Cell Division Cycle](#), [Mitotic G1-G1/S Phases](#)

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## Application Details

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**Application Notes:** WB: 1:500-1:3000, IHC: 1:50-1:200, IF/ICC: 1:100-1:500, ELISA(peptide) 1:20000-1:40000

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**Restrictions:** For Research Use only

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## Handling

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**Format:** Liquid

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**Concentration:** 1 mg/mL

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**Buffer:** Rabbit IgG in phosphate buffered saline , pH 7.4, 150 mM NaCl, 0.02 % sodium azide and 50 % glycerol.

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**Preservative:** Sodium azide

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**Precaution of Use:** This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

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**Storage:** -20 °C

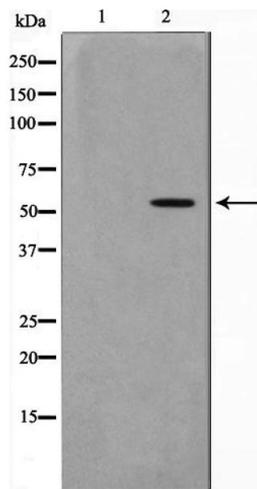
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**Storage Comment:** Store at -20 °C. Stable for 12 months from date of receipt.

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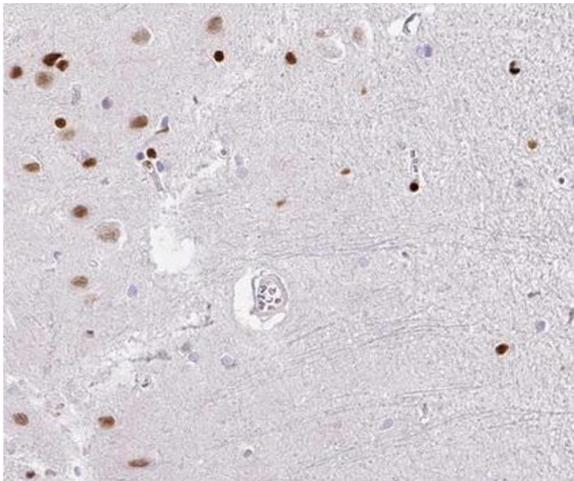
**Expiry Date:** 12 months

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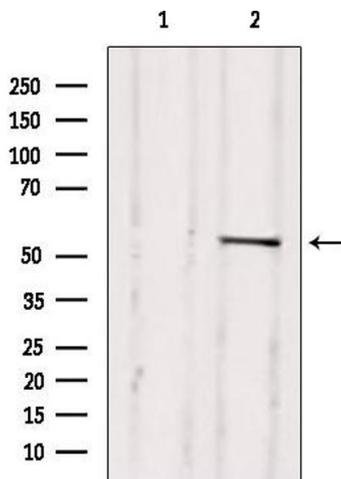
### Western Blotting

**Image 1.** Western blot analysis on HeLa cell lysate using TFDP1 Antibody, The lane on the left is treated with the antigen-specific peptide.



### Immunohistochemistry

**Image 2.** ABIN6266529 at 1/100 staining human brain tissue sections by IHC-P. The tissue was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The tissue was then blocked and incubated with the antibody for 1.5 hours at 22°C. An HRP conjugated goat anti-rabbit antibody was used as the secondary.



### Western Blotting

**Image 3.** Western blot analysis of extracts from 293, using TFDP1 Antibody. Lane 1 was treated with the blocking peptide.

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN6265535.