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Datasheet for ABIN7149477
anti-DACH1 antibody (AA 166-369) (Biotin)

Overview

Quantity:	100 µg
Target:	DACH1
Binding Specificity:	AA 166-369
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This DACH1 antibody is conjugated to Biotin
Application:	ELISA

Product Details

Immunogen:	Recombinant Human Dachshund homolog 1 protein (166-369AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

Target Details

Target:	DACH1
Alternative Name:	DACH1 (DACH1 Products)
Background:	Background: Transcription factor that is involved in regulation of organogenesis. Seems to be a regulator of SIX1, SIX6 and probably SIX5. Corepression of precursor cell proliferation in

Target Details

myoblasts by SIX1 is switched to coactivation through recruitment of EYA3 to the SIX1-DACH1 complex. Transcriptional activation seems also to involve association of CREBBP. Seems to act as a corepressor of SIX6 in regulating proliferation by directly repressing cyclin-dependent kinase inhibitors, including the p27Kip1 promoter (By similarity). Inhibits TGF-beta signaling through interaction with SMAD4 and NCOR1. Binds to chromatin DNA via its DACHbox-N domain (By similarity).

Aliases: DACH antibody, Dach1 antibody, DACH1_HUMAN antibody, Dachshund family transcription factor 1 antibody, dachshund homolog 1 (Drosophila) antibody, Dachshund homolog 1 antibody, Dachsund homolog 1 antibody, FLJ10138 antibody, OTTHUMP00000018494 antibody

UniProt: [Q9UI36](#)

Pathways: [Feeding Behaviour](#)

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: Preservative: 0.03 % Proclin 300
Constituents: 50 % Glycerol, 0.01M PBS, PH 7.4

Preservative: ProClin

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

Storage: -20 °C,-80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.