

DACH1 antibody

Product Information

Catalog No.:	FNab02230
Size:	100µg
Form:	liquid
Purification:	Immunogen affinity purified
Purity:	≥95% as determined by SDS-PAGE
Host:	Rabbit
Clonality:	polyclonal
Clone ID:	None
IsoType:	IgG
Storage:	PBS with 0.02% sodium azide and 50% glycerol pH 7.3, -20°C for 12 months(Avoid repeated freeze / thaw cycles.)

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 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).

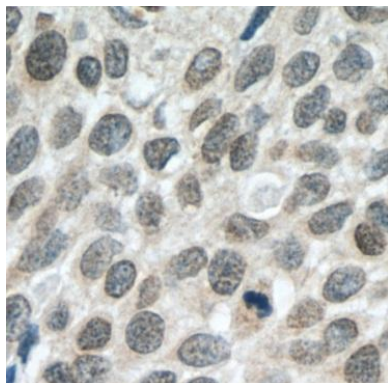
Immunogen information

Immunogen:	dachshund homolog 1(Drosophila)
Synonyms:	Dachshund homolog 1 (Dach1) DACH1 DACH
Observed MW:	97-100 kDa
Uniprot ID :	Q9UI36

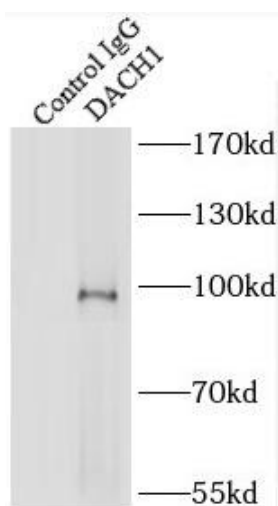
Application

Reactivity:	Human, Mouse, Rat
Tested Application:	ELISA, IHC, IP, WB
Recommended dilution:	WB: 1:500-1:2000; IP: 1:200-1:1000; IHC: 1:20-1:200

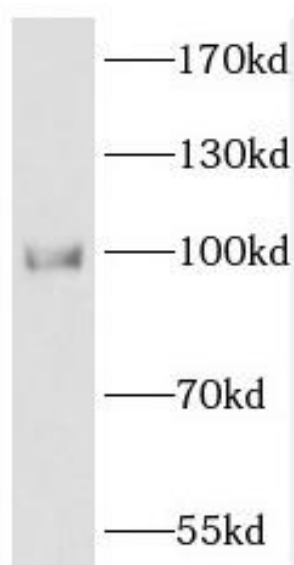
Image:



Immunohistochemistry of paraffin-embedded human oesophagus cancer tissue slide using FNab02230(DACH1 Antibody) at dilution of 1:200 heat mediated antigen retrieved with Tris-EDTA buffer(pH9).



IP Result of anti-DACH1 (IP:FNab02230, 4ug; Detection:FNab02230 1:1000) with HEK-293 cells lysate 6000ug.



HEK-293 cells were subjected to SDS PAGE followed by western blot with FNab02230(DACH1 Antibody) at dilution of 1:600