

Rabbit anti-Human DACH1 Polyclonal Antibody | anti-DACH1 antibody

Anti-DACH1 Antibody, Rabbit Polyclonal

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA256842	Rabbit	Human	Immunofluorescence, Immunocytochemistry, Immunohistochemistry

PRODUCT SYNONYMS

DACH1; Polyclonal Antibody; Anti-DACH1 Antibody; Rabbit Polyclonal; DACH1 Antibody; Rabbit PAb; Antigen Affinity Purified; Anti-DACH Antibody; Anti-RP11-512J14.1 Antibody; anti-DACH1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit IgG
Specificity	Human DACH1
Purity/Purification	Protein A & Antigen Affinity
Form/Format	Liquid; PBS, pH7.0 with 0.03% Proclin300
Applicable Applications for anti-DACH1 antibody	IF (Immunofluorescence), ICC (Immunocytochemistry), IHC (Immunohistochemistry)
Immunogen	E Coli-derived Human DACH1 fragment
Conjugation	Unconjugated
Preparation	Produced in rabbits immunized with E Coli-derived Human DACH1 fragment, and purified by antigen affinity chromatography.
Preparation and Storage	This antibody can be stored at 2-8 degree C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20 degree C to -80 degree C. Avoid repeated freeze-thaw cycles.

IMAGES



IF (Immunofluorescence)

Immunofluorescence staining of DACH1 in A431 cells. Cells were fixed with 4% PFA, permeabilized with 0.1% Triton X-100 in PBS, blocked with 10% serum, and incubated with rabbit anti-Human DACH1 polyclonal antibody (dilution ratio 1:200) at 4 degree C overnight. Then cells were stained with the Alexa Fluor488-conjugated Goat Anti-rabbit IgG secondary antibody (green). Positive staining was localized to Nucleus and Cytoplasm.



IHC (Immunohistochemistry)

Immunochemical staining of human DACH1 in human kidney with rabbit polyclonal antibody at 1:500 dilution, formalin-fixed paraffin embedded sections.

**IHC (Immunohistochemistry)**

Immunochemical staining of human DACH1 in human gallbladder with rabbit polyclonal antibody at 1:500 dilution, formalin-fixed paraffin embedded sections.

**IHC (Immunohistochemistry)**

Immunochemical staining of human DACH1 in human small intestine with rabbit polyclonal antibody at 1:500 dilution, formalin-fixed paraffin embedded sections.

ADDITIONAL INFORMATION

Related Product Information for anti-DACH1 antibody	Dachshund homolog 1 (DACH1), a key cell fate determination factor, contributes to tumorigenesis, invasion, metastasis of human breast neoplasm. Studies indicated that CD44 might be a novel target of DACH1 in breast carcinoma. The mammalian Dachshund1 (DACH1) is a recognized anti-tumor site that retards the progression of various cancers and has low expression in several malignant tumors, including glioma. Human Dachshund homolog 1 (DACH1) is a major component of the Retinal Determination Gene Network. Loss of DACH1 expression was found in breast, prostate, lung, endometrial, colorectal, and hepatocellular carcinoma. Promoter region hypermethylation was correlated with loss or reduction of DACH1 expression, and restoration of DACH1 expression was induced by 5-aza-2'-deoxycytidine (5-AZA) in HCC cell lines.
References	Xu H, et al. (2017) Dach1 suppresses breast cancer as a negative regulator of cd44. Sci Rep 7 (1): 4361. Wu L, et al. (2014) Silencing dach1 promotes esophageal cancer growth by inhibiting tgf-beta signaling. PLoS One 9 (4): e95509. Wang J, et al. (2018) Dach1 inhibits glioma invasion and tumor growth via the wnt/catenin pathway. Onco Targets Ther 11 5853-5863. Liu Q, et al. (2018) Dach1 antagonizes cxcl8 to repress tumorigenesis of lung adenocarcinoma and improve prognosis. J Hematol Oncol 11 (1): 53.

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://stage.aaabiotech.com/polyclonal/dach1-antibody-immunofluorescence-immunocytochemistry-immunohistochemistry-elisa/256842>