

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

Rabbit anti-DACH1 Antibody, Affinity Purified

| CATALOG # | HOST   | REACTIVITY | APPLICATIONS                                            |
|-----------|--------|------------|---------------------------------------------------------|
| AAA212223 | Rabbit | Human      | Immunohistochemistry, Immunoprecipitation, Western Blot |

### PRODUCT SYNONYMS

DACH1; Polyclonal Antibody; Rabbit anti-DACH1 Antibody; Affinity Purified; Dach1; dachshund homolog 1; dac homolog; DACH; Dachshund homolog 1; dachshund family transcription factor 1; anti-DACH1 antibody

### PRODUCT SPECIFICATIONS

|                                                 |                                                                                    |
|-------------------------------------------------|------------------------------------------------------------------------------------|
| Host                                            | Rabbit                                                                             |
| Reactivity                                      | Human                                                                              |
| Clonality                                       | Polyclonal                                                                         |
| Purity/Purification                             | Antigen Affinity Purified                                                          |
| Form/Format                                     | Liquid. Whole IgG. Tris-buffered Saline containing 0.1% BSA and 0.09% Sodium Azide |
| Concentration                                   | 200ug/ml (varies by lot)                                                           |
| Applicable Applications for anti-DACH1 antibody | IHC (Immunohistochemistry), IP (Immunoprecipitation), WB (Western Blot)            |
| Predicted Reactivity                            | Mouse                                                                              |
| Immunogen                                       | Between 708 and C-terminus                                                         |
| Conjugation                                     | Unconjugated                                                                       |
| Preparation and Storage                         | Store at 2-8 degree C<br>Shelf Life: 1 year from date of receipt                   |

### IMAGES



#### WB (Western Blot)

Detection of human DACH1 by western blot and immunoprecipitation. Samples: Whole cell lysate from HEK293T (15 and 50 ug for WB; 1 mg for IP, 20% of IP loaded), Jurkat (J; 50 ug) and HeLa (H; 50 ug) cells. Antibodies: Affinity purified rabbit anti-DACH1 antibody AAA212223 used for WB at 0.04 ug/ml (A) and 1 ug/ml (B) and used for IP at 6 ug/mg lysate. DACH1 was also immunoprecipitated by rabbit anti-DACH1 antibody which recognizes a downstream epitope. Detection: Chemiluminescence with exposure times of 30 seconds (A) and 3 seconds (B).



#### IHC (Immunohistochemistry)

Detection of human DACH1 by immunohistochemistry. Sample: FFPE section of human breast carcinoma. Antibody: Affinity purified rabbit anti-DACH1 (Cat. No. AAA212223 Lot1) used at a dilution of 1:200 (1ug/ml). Detection: DAB. Counterstain: Hematoxylin (blue).

ADDITIONAL INFORMATION

|                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
|-----------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-DACH1 antibody | Dachshund homolog 1 (Dach1) is a transcription factor that is involved in regulation of organogenesis. Dach1 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. Dach1 seems to act as a corepressor of SIX6 in regulating proliferation by directly repressing cyclin-dependent kinase inhibitors, including the p27Kip1 promoter (by similarity) [taken from the Universal Protein Resource (UniProt) <a href="http://www.uniprot.org/uniprot/Q9UI36">www.uniprot.org/uniprot/Q9UI36</a> ]. |
| Product Categories/Family for anti-DACH1 antibody   | <a href="#">Primary Antibodies</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |

NCBI AND UNIPROT INFORMATION

|                            |                        |
|----------------------------|------------------------|
| NCBI GeneID                | 1602                   |
| UniProt Accession #        | <a href="#">Q9UI36</a> |
| UniProt Protein Name       | Dachshund homolog 1    |
| UniProt Gene Name          | <b>DACH1</b>           |
| UniProt Synonym Gene Names | DACH; Dach1            |
| UniProt Entry Name         | DACH1_HUMAN            |

**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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/dach1-antibody-immunohistochemistry-immunoprecipitation-western-blot-elisa/212223>