

## Rabbit CRTH2 Polyclonal Antibody | anti-CRTH2 antibody

CRTH2 Antibody

| CATALOG # | HOST   | REACTIVITY        | APPLICATIONS                              |
|-----------|--------|-------------------|-------------------------------------------|
| AAA303317 | Rabbit | Human, Mouse, Rat | Immunohistochemistry, Western Blot, ELISA |

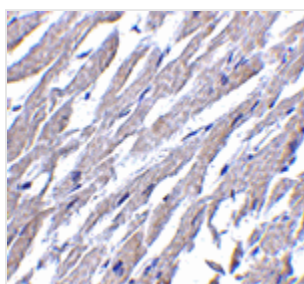
### PRODUCT SYNONYMS

CRTH2; Polyclonal Antibody; CRTH2 Antibody; Chemoattractant receptor-homologous molecule expressed on Th2 cells; GPR44; anti-CRTH2 antibody

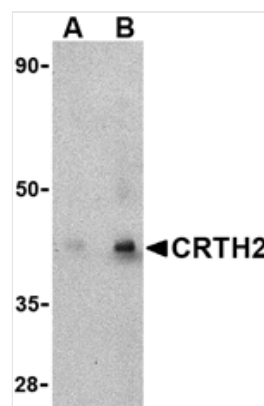
### PRODUCT SPECIFICATIONS

|                                                 |                                                                                                                                                                                                        |
|-------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                            | Rabbit                                                                                                                                                                                                 |
| Reactivity                                      | Human, Mouse, Rat                                                                                                                                                                                      |
| Clonality                                       | Polyclonal                                                                                                                                                                                             |
| Purity/Purification                             | Affinity chromatography purified via peptide column                                                                                                                                                    |
| Form/Format                                     | Supplied in PBS containing 0.02% sodium azide.                                                                                                                                                         |
| Sequence Length                                 | 395                                                                                                                                                                                                    |
| Applicable Applications for anti-CRTH2 antibody | IHC (Immunohistochemistry), WB (Western Blot), ELISA                                                                                                                                                   |
| Immunogen Type                                  | Peptide                                                                                                                                                                                                |
| Immunogen Description                           | Raised against a 15 amino acid peptide from near the center of human CRTH2.                                                                                                                            |
| Target Name                                     | CRTH2                                                                                                                                                                                                  |
| Preparation and Storage                         | Can be stored at -20 degree C, stable for one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures. |

### IMAGES


**IHC (Immunohistochemistry)**

Immunohistochemistry of CRTH2 in human heart tissue with CRTH2 antibody at 2.5 ug/mL.


**WB (Western Blot)**

Western blot analysis of CRTH2 in human heart tissue lysate with CRTH2 antibody at (A) 1 and (B) 2 ug/mL.

ADDITIONAL INFORMATION

|                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|-----------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-CRTH2 antibody | The chemoattractant receptor-homologous molecule expressed on Th2 cells (CRTH2) is a recently identified receptor for the prostaglandin D2 (PGD2) in addition to the classic prostaglandin D receptor. CRTH2 is expressed on Th2 cells and eosinophils and mediates chemotaxis of these cells to PGD2 and is thus thought to be a key receptor mediating eosinophil and Th2 recruitment during allergic responses. However, CRTH2-null mice showed enhanced eosinophil recruitment into the lung consistent with observations that the CRTH2-null mice produced significantly higher amounts of interleukin-5 (IL-5) and IL-3. This suggests that CRTH2 plays a nonredundant role in restricting eosinophilia and allergic response in vivo. At least two different isoforms of CRTH2 are known to exist. |
| Product Categories/Family for anti-CRTH2 antibody   | Total protein Ab                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |

NCBI AND UNIPROT INFORMATION

|                                  |                                |
|----------------------------------|--------------------------------|
| NCBI GI #                        | 153791424                      |
| NCBI GeneID                      | 11251                          |
| NCBI Accession #                 | NP_004769                      |
| NCBI GenBank Nucleotide #        | NM_004778.2                    |
| Molecular Weight                 | 43,268 Da                      |
| NCBI Official Full Name          | prostaglandin D2 receptor 2    |
| NCBI Official Synonym Full Names | prostaglandin D2 receptor 2    |
| NCBI Official Symbol             | PTGDR2                         |
| NCBI Official Synonym Symbols    | DP2; DL1R; CD294; CRTH2; GPR44 |
| NCBI Protein Information         | prostaglandin D2 receptor 2    |
| UniProt Protein Name             | Prostaglandin D2 receptor 2    |
| UniProt Gene Name                | PTGDR2                         |
| UniProt Synonym Gene Names       | CRTH2; DL1R; GPR44             |
| UniProt Entry Name               | PD2R2_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | [contact@aaabiotech.com](mailto:contact@aaabiotech.com)  
Online datasheet: <https://www.aaabiotech.com/polyclonal/crth2-antibody-immunohistochemistry-western-blot-elisa/303317>