



# Anti-RARRES2 polyclonal antibody [Biotin] (DPABY-452)

This product is for research use only and is not intended for diagnostic use.

## PRODUCT INFORMATION

|                            |  |
|----------------------------|--|
| <b>Antigen Description</b> | Chemerin, also known as Tazarotene-induced Gene 2, (Tig-2), is a member of the Cystatin superfamily. Chemerin is synthesized as a 163 aa precursor that contains a hydrophobic 20 aa N-terminal sequence, an intervening 137 aa Cystatin fold-containing domain, and a six aa C-terminal prosegment. It is activated by proteases of the coagulation, fibrinolytic, and inflammatory cascades. Chemerin is a chemoattractant for cells bearing the Chem R23 receptor, including plasmacytoid dendritic cells and tissue macrophages. |
| <b>Specificity</b>         | Detects human Chemerin in ELISAs and Western blots. In sandwich immunoassays, less than 0.1% cross-reactivity with recombinant mouse Chemerin is observed.   |
| <b>Immunogen</b>           | E. coli-derived recombinant human Chemerin . Glu21-Ser157 Accession Number Q99969  |
| <b>Isotype</b>             | IgG  |
| <b>Source/Host</b>         | Goat   |
| <b>Species Reactivity</b>  | Human  |
| <b>Purification</b>        | Antigen Affinity-purified  |
| <b>Conjugate</b>           | Biotin   |
| <b>Applications</b>        | Western Blot, ELISA Detection (Matched Pair)   |
| <b>Format</b>              | Liquid   |
| <b>Size</b>                | 50 µg  |
| <b>Buffer</b>              | Lyophilized from a 0.2 µm filtered solution in PBS with BSA as a carrier protein.  |
| <b>Preservative</b>        | None   |

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| <b>Storage</b> | Use a manual defrost freezer and avoid repeated freeze-thaw cycles.    |
|                | 12 months from date of receipt, -20 to -70 °C as supplied.             |
|                | 1 month, 2 to 8 °C under sterile conditions after reconstitution.      |
|                | 6 months, -20 to -70 °C under sterile conditions after reconstitution. |

## GENE INFORMATION

|                            |  |
|----------------------------|--|
| <b>Gene Name</b>           | <a href="#">RARRES2 retinoic acid receptor responder (tazarotene induced) 2 [ Homo sapiens (human) ]</a>   |
| <b>Official Symbol</b>     | RARRES2  |
| <b>Synonyms</b>            | RARRES2; retinoic acid receptor responder (tazarotene induced) 2; TIG2; HP10433; retinoic acid receptor responder protein 2; chemerin; RAR-responsive protein TIG2; tazarotene-induced gene 2 protein; |
| <b>Entrez Gene ID</b>      | <a href="#">5919</a>   |
| <b>Protein Refseq</b>      | <a href="#">NP_002880</a>  |
| <b>UniProt ID</b>          | <a href="#">A0A090N7U9</a>   |
| <b>Chromosome Location</b> | 7q36.1   |
| <b>Function</b>            | protein binding; receptor binding;   |