

RARRES2 polyclonal antibody

Catalog: BS61334

Host: Rabbit

Reactivity: Human, Mouse, Rat

BackGround:

Retinoids act through ligand-dependent transcription factors, retinoid X receptor (RXRs) and retinoic acid receptors (RARs). Tazarotene-induced gene (TIG) proteins, also designated retinoic acid receptor responder proteins or RAR-responsive proteins, can be membrane bound or secreted. TIGs act as tumor suppressor genes in human cancers and are highly expressed in skin, hair follicles and endothelial cells as well as in pancreas, spleen and intestine. TIGs are activated by tazarotene and have been implicated as growth regulators that mediate the growth suppressive effects of retinoids. TIG1 is a single-pass type II membrane protein activated by tazarotene and RAR proteins. It belongs to the protease inhibitor I47 (latexin) family of proteins. TIG2 is a secreted protein that is mainly expressed in epidermis, hair follicles and endothelial cells. TIG2 is inhibited in psoriatic lesions and is activated by tazarotene in skin rafts and in epidermis of psoriatic lesions. TIG3 is widely expressed in most tissues, but is not detected in heart, testis or brain. TIG3, which is activated by tazarotene, belongs to the H-rev107 family of proteins. TIG3 acts as a growth regulator and is important for mediating the growth suppressive effects of retinoids.

Product:

1 mg/ml in Phosphate buffered saline (PBS) with 0.05% sodium azide, approx. pH 7.3.

Molecular Weight:

~ 19 kDa

Swiss-Prot:

Q99969

Purification&Purity:

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

Applications:

WB: 1:500~1:1000

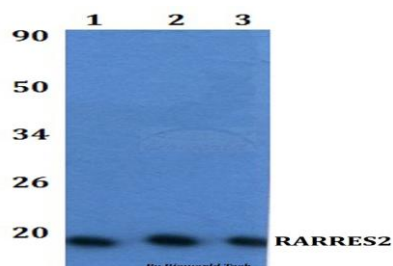
Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

Specificity:

RARRES2 polyclonal antibody detects endogenous levels of RARRES2 protein.

DATA:



Western blot (WB) analysis of RARRES2 polyclonal antibody at 1:500 dilution Lane1:A549 whole cell lysate

Lane2:RAW264.7 whole cell lysate Lane3:H9C2 whole cell lysate

Note:

For research use only, not for use in diagnostic procedure.

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