

CaSR (A884) polyclonal antibody

Catalog: BS1729

Host: Rabbit

Reactivity: Human, Mouse, Rat

BackGround:

The calcium sensing receptor (CaSR) has been shown to play

a major role in regulating parathyroid hormone secretion and

subsequently influencing the calcium concentration of extracellular

fluids. Based on sequence analysis of cDNA clones it appears that the CaSR is similar to the 7-transmembranedomain

G-protein-coupled receptor superfamily. Changes in extracellular calcium are thought to modulate a balance between

proliferation and differentiation in a variety of cell types. In normal primary keratinocytes and breast epithelial

cells, proliferation is inhibited and elevated extracellular calcium levels trigger differentiation. Malignant trans-formations

of these cell types are accompanied by a loss of responsiveness

to the anti-proliferative effects of elevated extracellular calcium.

Product:

Rabbit IgG, 1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.2

Molecular Weight:

~ 140 kDa

Swiss-Prot:

P41180

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:

IHC: 1:50~1:200

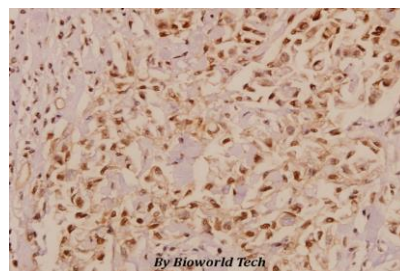
Storage&Stability:

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

Specificity:

CaSR (A884) polyclonal antibody detects endogenous levels of CaR protein.

DATA:



Immunohistochemistry (IHC) analyzes of CaSR (A884) pAb in paraffin-embedded human breast carcinoma tissue at 1:50.

Note:

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

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