

## CaSR (phospho-T888) polyclonal antibody

Catalog: BS4663

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:

1 mg/ml in Phosphate buffered saline (PBS) with 0.05% sodium azide, approx. pH 7.2.

### 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:

WB: 1:500~1:1000

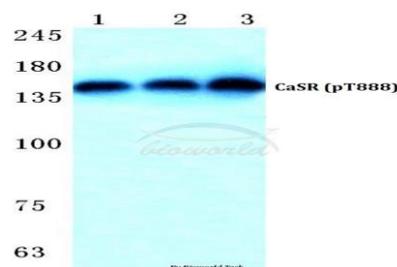
### Storage&Stability:

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

### Specificity:

p-CaSR (T888) polyclonal antibody detects endogenous levels of CaSR protein only when phosphorylated at Thr888.

### DATA:



Western blot (WB) analysis of p-CaSR (T888) polyclonal antibody at 1:500 dilution

Lane1:MCF-7 cell lysate

Lane2:sp2/0 cell lysate

Lane3:PC12 cell lysate

### Note:

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

### Bioworld Technology, Inc.

Add: 1660 South Highway 100, Suite 500 St. Louis Park, MN 55416, USA.

Email: [info@bioworld.com](mailto:info@bioworld.com)

Tel: 6123263284

Fax: 6122933841

### Bioworld technology, co. Ltd.

Add: No 9, weidi road Qixia District Nanjing, 210046, P. R. China.

Email: [info@biogot.com](mailto:info@biogot.com)

Tel: 0086-025-68037686

Fax: 0086-025-68035151