



PRODUCT DATA SHEET

Bioworld Technology, Inc.

OR2AT4 polyclonal antibody

Catalog: BS31608

Host: Rabbit

Reactivity: Human

BackGround:

Olfactory receptor 2AT4: Olfactory receptor . Activated by the synthetic sandalwood odorant sandalore . Endogenous ligand is unknown (Probable). The activity of this receptor is probably mediated by G proteins which induce elevation of intracellular Ca^{2+} , a cAMP-dependent pathway and phosphorylation of MAPK1/ERK2, MAPK3/ERK1 and p38 MAPKs . Activation of OR2AT4 induces proliferation, migration, and re-epithelialization during wound-healing processes of keratinocytes . Stimulation of OR2AT4 by sandalore promotes hair growth by decreasing apoptosis and increasing production of the anagen-prolonging growth factor IGF1 as well as other pathways involving various kinases

Product:

1mg/ml in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.

Molecular Weight:

~35.5 kDa

Swiss-Prot:

A6NND4

Purification&Purity:

The antibody was purified by immunogen affinity chromatography.

matography.

Applications:

WB (1/500 - 1/1000)

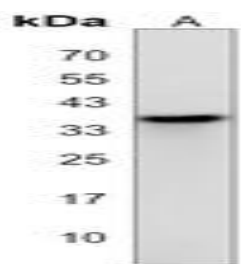
Storage&Stability:

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

Specificity:

Recognizes endogenous levels of OR2AT4 protein.

DATA:



Western blot analysis of PCNXL2 expression in HeLa (A), HT29 (B), WiDr (C) whole cell lysates.

Note:

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

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