

## Tak1 polyclonal antibody

Catalog: AP0460

Host: Rabbit

Reactivity: Human, Mouse

### BackGround:

Orphan nuclear receptor that can act as a repressor or activator of transcription. An important repressor of nuclear receptor signaling pathways such as retinoic acid receptor, retinoid X, vitamin D3 receptor, thyroid hormone receptor and estrogen receptor pathways. May regulate gene expression during the late phase of spermatogenesis. Together with NR2C1, forms the core of the DRED (direct repeat erythroid-definitive) complex that represses embryonic and fetal globin transcription including that of GATA1. Binds to hormone response elements (HREs) consisting of two 5'-AGGTCA-3' half site direct repeat consensus sequences. Plays a fundamental role in early embryonic development and embryonic stem cells. Required for normal spermatogenesis and cerebellum development. Appears to be important for neurodevelopmentally regulated behavior. Activates transcriptional activity of LHCG. Antagonist of PPARA-mediated transactivation.

### Product:

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

### Molecular Weight:

~ 80 kDa

### Swiss-Prot:

O43318

### Purification&Purity:

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific im-

munogen and the purity is &gt; 95% (by SDS-PAGE).

### Applications:

WB: 1:1000~1:2000

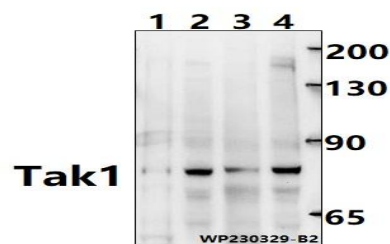
### Storage&Stability:

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

### Specificity:

Tak1 polyclonal antibody detects endogenous levels of Tak1 protein.

### DATA:



Western blot (WB) analysis of Tak1 polyclonal antibody at 1:1000 dilution

Lane1:C6 whole cell lysate(30ug)

Lane2:SP2/0 whole cell lysate(30ug)

Lane3:A2780 whole cell lysate(30ug)

Lane4:K562 whole cell lysate(30ug)

### Note:

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

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