

Anti-OX1R Polyclonal Antibody

Product Details

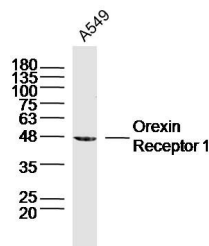
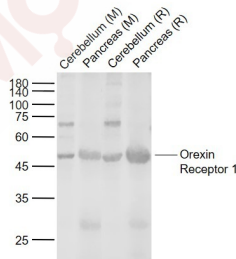
Ig Type: IgG
Reactivity: Human, Mouse, Rat (predicted: Pig, Cow, Horse, Rabbit, Sheep)
Molecular Weight: Theoretical: 48 kDa. Actual: 48 kDa.
Purification: Protein A purified

Applications

1. Sample:
Lane 1: Mouse Cerebellum tissue lysates
Lane 2: Mouse Pancreas tissue lysates
Lane 3: Rat Cerebellum tissue lysates
Lane 4: Rat Pancreas tissue lysates
Primary: Anti-Orexin Receptor 1 (TMAB-01304) at 1/1000 dilution
Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution
Predicted band size: 48 kDa
Observed band size: 48 kDa

2. Sample: A549 Cell (Human) Lysate at 30 µg
Primary: Anti-Orexin Receptor 1 (TMAB-01304) at 1/300 dilution
Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution
Predicted band size: 48 kDa
Observed band size: 48 kDa

Verified Activity:



Application: WB
Recommended WB: 1:500-2000

Properties

Stability & Storage: Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.

Shipping: Shipping with blue ice.

Antigen Details

Immunogen: KLH conjugated synthetic peptide: human Orexin Receptor 1

Antigen Species: Human

Gene ID: 3061

Uniprot ID: O43613

Synonyms: HCRTR1;Hypocretin receptor type 1;Ox-1-R;Ox1-R;HCRTR 1;Orexin receptor type 1

Biology Area: Obesity,Receptors,Metabolism,GPCR

Research Background

The protein encoded by this gene is a G-protein coupled receptor involved in the regulation of feeding behavior. The encoded protein binds the hypothalamic neuropeptides orexin A and orexin B. A related gene (HCRTR1) encodes a G-protein coupled receptor that selectively binds orexin A. [provided by RefSeq, Jan 2009]

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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