

Anti-GPR84 Polyclonal Antibody

Product Details

Ig Type: IgG
Reactivity: Human, Mouse, Rat (predicted: Dog, Cow, Horse, Sheep, Monkey)
Molecular Weight: Theoretical: 44 kDa. Actual: 44 kDa.
Purification: Protein A purified

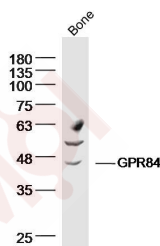
Applications

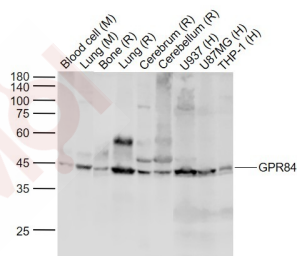
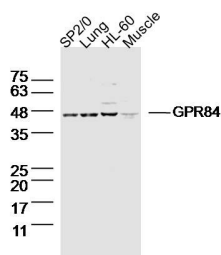
1. Sample: bone (Rat) Lysate at 40 µg
Primary: Anti-GPR84 (TMAB-00799) at 1/300 dilution
Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution
Predicted band size: 44 kDa
Observed band size: 44 kDa

2. Sample:
SP2/0 (mouse) cell Lysate at 40 µg
Lung (mouse) Lysate at 40 µg
HL-60 (human) cell Lysate at 40 µg
Muscle (mouse) Lysate at 40 µg
Primary: Anti-GPR84 (TMAB-00799) at 1/300 dilution
Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution
Predicted band size: 44 kDa
Observed band size: 44 kDa

Verified Activity:

3. Sample:
Lane 1: Blood cell (Mouse) Lysate at 40 µg
Lane 2: Lung (Mouse) Lysate at 40 µg
Lane 3: Bone (Rat) Lysate at 40 µg
Lane 4: Lung (Rat) Lysate at 40 µg
Lane 5: Cerebrum (Rat) Lysate at 40 µg
Lane 6: Cerebellum (Rat) Lysate at 40 µg
Lane 7: U937 (Human) Cell Lysate at 30 µg
Lane 8: U87MG (Human) Cell Lysate at 30 µg
Lane 9: THP-1 (Human) Cell Lysate at 30 µg
Primary: Anti-GPR84 (TMAB-00799) at 1/1000 dilution
Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution
Predicted band size: 44 kDa
Observed band size: 44 kDa





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 GPCR EX33/GPR84
 Antigen Species: Human
 Gene ID: 53831
 Uniprot ID: Q9NQ55
 Synonyms: Inflammation-related G-protein coupled receptor EX33;GPR84;EX33;G-protein coupled receptor 84
 Biology Area: GPCR

Research Background

G protein-coupled receptors (GPCRs), also designated seven transmembrane (7TM) receptors and heptahelical receptors, are a protein family which interact with G proteins (heterotrimeric GTPases) to synthesize intracellular second messengers such as diacylglycerol, cyclic AMP, inositol phosphates, and calcium ions. Their diverse biological functions range from vision and olfaction to neuronal and endocrine signaling and are involved in many pathological conditions. G protein receptor 84 (GPR84), a member of the GPCR 1 family, is an orphan GPCR expressed in bone marrow, brain, heart, muscle, colon, thymus, spleen, kidney, liver, placenta, intestine, lung and peripheral blood leukocytes. In activated T cells, GPR84 regulates early interleukin-4 (IL-4) gene expression

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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