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11-12007: Polyclonal Antibody to THEM2

Clonality :	Polyclonal
Application :	WB
Reactivity :	Human
Gene :	ACOT13
Gene ID :	55856
Uniprot ID :	Q9NPJ3
Format :	Purified
Alternative Name :	ACOT13,THEM2,HT012,PNAS-27
Isotype :	Rabbit IgG
Immunogen Information :	Full length recombinant THEM2 protein was used as the immunogen for this antibody.

Description

THEM2 (Thioesterase Superfamily Member 2) belongs to the hotdog-fold enzyme superfamily but its biological function remains unknown. It comprises of a single hotdog fold thioesterase domain. Under biological conditions, THEM2 probably functions as a homotetrameric long-chain acyl-CoA thioesterase. Accordingly, it has been designated as the 13th member of the mammalian acyl-CoA thioesterase family, Acot13. THEM2 occurrence is most predominant in the kidney and is regulated by the hepatocyte nuclear factor 4alpha which in turn might play an important role in renal cell carcinoma.

Product Info

Amount :	25 µg / 100 µg
Purification :	Protein A Chromatography
Content :	25 µg in 50 µl/100 µg in 200 µl PBS containing 0.05% BSA and 0.05% sodium azide. Sodium azide is highly toxic.
Storage condition :	Store the antibody at 4°C; stable for 6 months. For long-term storage; store at -20°C. Avoid repeated freeze and thaw cycles.

Application Note

Western blot analysis: 2-4 µg/ml

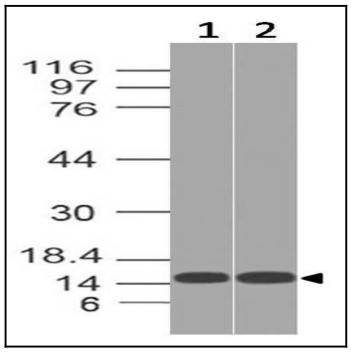


Fig-1: Expression analysis of THEM2. Anti-THEM2 antibody (11-12007) was used at 2 µg/ml on (1) Panc-1 and (2) h Brain lysate.

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