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11-4016: Polyclonal Antibody to Tis7

Clonality :	Polyclonal
Application :	WB
Reactivity :	Human
Gene :	IFRD1
Gene ID :	3475
Uniprot ID :	O00458
Format :	Purified
Alternative Name :	IFRD1
Isotype :	Rabbit IgG
Immunogen Information :	A partial length recombinant Tis7 protein (amino acids 1-300) was used as the immunogen for this antibody.

Description

Tis7/IFRD1 (interferon-related developmental regulator 1) is expressed by neutrophils as a key modifier gene in cystic fibrosis (CF) lung disease. It functions as a transcriptional co-activator/repressor that controls the growth and differentiation of specific cell types during embryonic development and tissue regeneration. In skeletal muscle cells, Tis7 is known to function as a coactivator of MyoD by promoting the transcriptional activity of myocyte enhancer factor 2C (MEF2C). Mutations in Tis7 are associated with sensory/motor neuropathy with ataxia.

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 Ã‚µg/ml

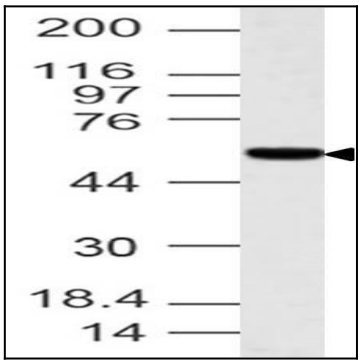


Fig-1: Western blot analysis of Tis7. Anti-Tis7 antibody (11-4016) was used at 4 µg/ml on Testis lysate.

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