

9853 Pacific Heights Blvd. Suite D. San Diego, CA 92121, USA Tel: 858-263-4982

Email: info@abeomics.com

11-4016: Polyclonal Antibody to Tis7

Clonality: Polyclonal

Application: WB Reactivity: Human Gene: IFRD1 Gene ID: 3475 **Uniprot ID:** 000458 Format: Purified IFRD1 **Alternative Name:** Rabbit IgG Isotype:

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

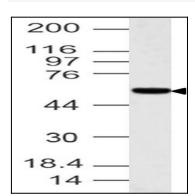


Fig-1: Western blot analysis of Tis7. Anti-Tis7 antibody (11-4016) was used at 4 μ g/ml on Testis lysate.