

11-4016: Polyclonal Antibody to Tis7

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| 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

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| 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

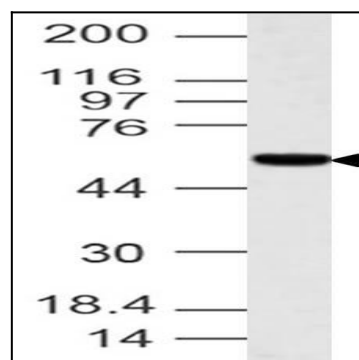


Fig-1: Western blot analysis of Tis7. Anti-Tis7 antibody (11-4016) was used at 4 µg/ml on Testis lysate.