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11-12019: Polyclonal Antibody to SPZ1/TSP1

Clonality: Polyclonal Application: WB Reactivity: Human Gene: SPZ1 Gene ID: 84654 **Uniprot ID:** Q9BXG8 Format: Purified SPZ1,TSP1 **Alternative Name:**

Immunogen Information: A partial length recombinant SPZ1/TSP1 protein (amino acids 10-213) was used as the

immunogen for this antibody.

Rabbit IgG

Description

Isotype:

Spz1, a bHLH-zip protein, acts as a proto-oncogene regulated by a MAPK signaling pathway that can increase cell proliferation and tumorigenic activity as well as leading to primary tumor formation (15899793). It is expressed specifically in the testis and epididymis (11165476). Spz1 is a specific binding partner of the gamma2 catalytic subunit of Phosphatase-1c-gamma (PP1c-gamma). The interaction between Spz1 and PP1cgamma2 may be required for proper regulation of spermatogenesis and fertility in males.

Product Info

Amount : $25 \mu g / 100 \mu g$

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: 1-2 µg/ml

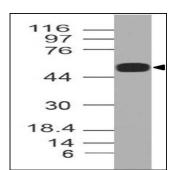


Fig-1: Expression analysis of SPZ1/TSP1. Anti-SPZ1/TSP1 antibody (11-12019) was used at 1 μ g/ml on h Skeletal muscle lysate.