

11-12019: Polyclonal Antibody to SPZ1/TSP1

Clonality :	Polyclonal
Application :	WB
Reactivity :	Human
Gene :	SPZ1
Gene ID :	84654
Uniprot ID :	Q9BXG8
Format :	Purified
Alternative Name :	SPZ1,TSP1
Isotype :	Rabbit IgG
Immunogen Information :	A partial length recombinant SPZ1/TSP1 protein (amino acids 10-213) was used as the immunogen for this antibody.

Description

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 PP1c-gamma2 may be required for proper regulation of spermatogenesis and fertility in males.

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: 1-2 µg/ml

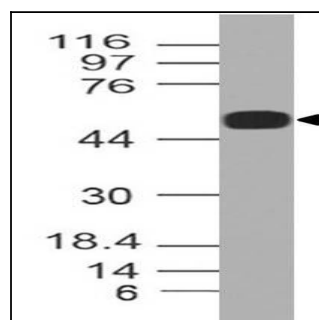


Fig-1: Expression analysis of SPZ1/TSP1. Anti-SPZ1/TSP1 antibody (11-12019) was used at 1 µg/ml on h Skeletal muscle lysate.