
DAZ4 Rabbit pAb

Catalog Number: bs-13609R

Target Protein: DAZ4

Concentration: 1mg/ml

Form: Liquid

Host: Rabbit

Clonality: Polyclonal

Isotype: IgG

Applications: WB (1:500-2000)

Reactivity: Human, Mouse, Rat (predicted:Pig, Sheep, Cow, Dog, Horse)

Predicted MW: 65 kDa

Entrez Gene: 57135

Swiss Prot: Q86SG3

Source: KLH conjugated synthetic peptide derived from human DAZ4: 51-150/579.

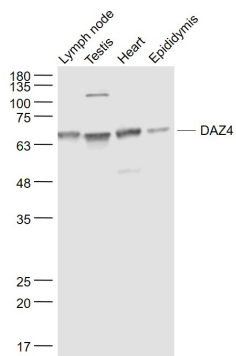
Purification: affinity purified by Protein A

Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.

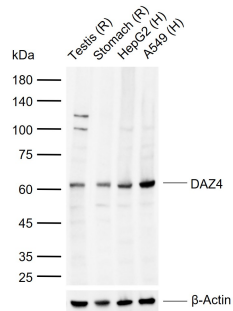
Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

Background: Spermatogenesis is the process by which male spermatogonia develop into mature spermatozoa. DAZ (deleted in azoospermia) are RNA-binding proteins that play an essential role in spermatogenesis. DAZ proteins influence the first stages of spermatogenesis and the maintenance of germ cell populations. DAZ proteins (DAZ1, DAZ2, DAZ3, DAZ4 and DAZ5) are encoded by separate genes on chromosome Y, each of which contain an AZFc domain in their coding region. DAZ proteins localize to the nucleus of spermatogonia, but relocate to the cytoplasm during meiosis. DAZ proteins contain an RRM (RNA recognition motif) domain that may regulate mRNA translation by binding to the 3' UTR. Deletions in the genes encoding DAZ proteins may cause azoospermia or oligospermia which can lead to male infertility. DAZ4 (deleted in azoospermia 4), also known as pDP1680 or pDP1681, is a 579 amino acid testis specific protein that contains nine DAZ-like domains and two RNA recognition motifs (RRM). DAZ4 exists as two alternatively spliced isoforms.

VALIDATION IMAGES



Sample: Lymph node (Mouse) Lysate at 40 ug Testis (Mouse) Lysate at 40 ug Heart (Mouse) Lysate at 40 ug Epididymis (Mouse) Lysate at 40 ug Primary: Anti- DAZ4 (bs-13609R) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 65 kD Observed band size: 65 kD



Sample: Lane 1: Rat Testis tissue lysates Lane 2: Rat Stomach tissue lysates Lane 3: Human HepG2 cell lysates Lane 4: Human A549 cell lysates Primary: Anti-DAZ4 (bs-13609R) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 65 kDa Observed band size: 62 kDa