bs-10227R **[Primary Antibody]**

Nanos3 Rabbit pAb

www.bioss.com.cn
sales@bioss.com.cn
techsupport@bioss.com.cn
400-901-9800

DATASHEET

Host: Rabbit **Isotype:** IgG

Clonality: Polyclonal

GeneID: 342977 **SWISS:** P60323

Target: Nanos3

Immunogen: KLH conjugated synthetic peptide derived from human Nanos3: 101-173/173.

Purification: affinity purified by Protein A

Concentration: 1mg/ml

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: Nidogens are highly conserved proteins present in vertebrate and invertebrate basement membranes. Nidogens connect the Laminin and Collagen IV networks and integrate other proteins into the membrane. In mammals, two Nidogen proteins, Nidogen and Nidogen-2, interact at comparable levels with Collagen I, IV and Perlecan, serving to stabilize basement membranes and playing a major role in embryogenesis. The two isoforms have a similar shape, consisting of three globular domains, and co-localize in vessel walls and other basement membrane zones. Nidogen-2 is a cell adhesion protein glycosylated at nitrogen and oxygen sites, and is widely distributed in basement membranes in heart, placenta, bone and, to a lesser extent, in pancreas, kidney and skeletal muscle.

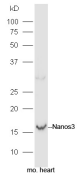
Applications: **WB** (1:500-2000)

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

Predicted MW.: 19 kDa

Subcellular Location: Secreted ,Extracellular matrix ,Cell membrane

VALIDATION IMAGES



Protein: heart(mouse) lysate at 40ug; Primary: rabbit Anti-Nanos3 (bs-10227R) at 1:300; Secondary: HRP conjugated Goat-Anti-rabbit IgG(bs-0295G-HRP) at 1: 5000; Predicted band size: 19 kD Observed band size: 17 kD

SELECTED CITATIONS

- **[IF=2.63]** Wang Chun. et al. Integrating Network Pharmacology and In Vivo Model to Investigate the Mechanism of Biheimaer in the Treatment of Functional Dyspepsia. EVID-BASED COMPL ALT. 2022;2022:8773527 WB ;Mouse. 35668782