

STAG3 (Q1187) polyclonal antibody

Catalog: BS2375

Host: Rabbit

Reactivity: Human

BackGround:

Stromalins are a group of highly conserved proteins that are characterized by the stromalin conservative domain. Stromal antigen 3 (STAG3) is a nuclear protein that is expressed specifically in germinal cells. STAG3 associates with the synaptonemal complex (SC) via immunolocalization. The SC is a meiotic protein structure that aids in the pairing of homologous chromosomes. In mammals, STAG3 associates with the SC and assists in sister chromatid cohesion, which keeps the homologous chromosomes appropriately aligned during the pachytene stage of prophase I. STAG3 appears to be located at the interchromatid domain during metaphase I, but is undetectable in ana-phase I or any of the later stages of meiosis.

Product:

1 mg/ml in Phosphate buffered saline (PBS) with 0.05% sodium azide, approx. pH 7.2.

Molecular Weight:

~ 139 kDa

Swiss-Prot:

Q9UJ98

Purification&Purity:

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

Applications:

WB: 1:500~1:1000

IHC: 1:50~1:200

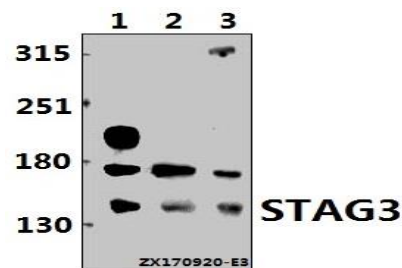
Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

Specificity:

STAG3 (Q1187) polyclonal antibody detects endogenous levels of STAG3 protein.

DATA:



Western blot (WB) analysis of STAG3 (Q1187) pAb at 1:500 dilution

Lane1:K562 whole cell lysate(40ug)

Lane2:HEK293T whole cell lysate(40ug)

Lane3:A549 whole cell lysate(40ug)

Note:

For research use only, not for use in diagnostic procedure.

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