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Product datasheet for AP31900PU-N

SPATIAL (TBATA) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	ELISA, IHC, WB
Recommended Dilution:	**ELISA.** **Western Blot:** 1/200-1/5000. **Immunohistochemistry:** 1/100-1/2000.
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Immunogen:	Synthetic peptide derived from internal part of Human Protein SPATIAL.
Specificity:	This antibody reacts with Protein SPATIAL.
Formulation:	0.1M Tris, 0.1M Glycine, 2% Sucrose State: Purified State: Lyophilized powder Preservative: None
Reconstitution Method:	Restore in distilled water
Purification:	Protein A Chromatography
Conjugation:	Unconjugated
Storage:	Lyophilized powder stable for a minimum of 2 years at -20°C. Store reconstituted antibody at 2-4°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: Six months from despatch.
Gene Name:	thymus, brain and testes associated
Database Link:	Entrez Gene 219793 Human Q96M53

View online »

Background: Spatial, also known as stromal protein associated with thymii and lymph node, tbata (thymus, brain and testis associated), or titest, is a putative transcription factor implicated in T-cell development. Consisting of 393 amino acids, Spatial exists as multiple alternatively spliced isoforms whose expression may be developmentally regulated and display tissue specific function. Spatial isoform 1 and 2 (also designated Spatial epsilon and delta, respectively), are considered two “long” isoforms which are expressed in testis. During the early stages of spermatid development Spatial isoforms 1 and 2 localize to cytosol, and at the end stages they are found near the manchette and nascent flagellum. Spatial isoforms 3, 4 and 5 (also known as Spatial beta, alpha and gamma, respectively), are highly expressed in thymus and are considered the “short” isoforms. The gene encoding Spatial maps to murine chromosome 10 B4, which corresponds to human chromosome 10q22.1.

Synonyms: C10orf27