

## Anti-SPATS1 Polyclonal Antibody

## Product Details

Ig Type:	IgG
Reactivity:	Mouse (predicted:Human,Rat,Dog,Horse)
Molecular Weight:	Theoretical: 34 kDa. Actual: 34 kDa.
Purification:	Protein A purified

## Applications

Verified Activity:	Sample: Liver (Mouse) Lysate at 40 µg Primary: Anti-SPATS1 (TMAB-13088) at 1/300 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 34 kD Observed band size: 34 kD
Application:	WB
Recommended	WB: 1:500-2000

## Properties

Stability & Storage:	Store at 2°C-8°C for 1 month. Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.
Shipping:	Shipping with blue ice.

## Antigen Details

Immunogen:	KLH conjugated synthetic peptide: human SPATS1
Antigen Species:	Human
Gene ID:	221409
Uniprot ID:	Q496A3

## Research Background

SRSP1 is a 300 amino acid protein that exists as two alternatively spliced isoforms and may play a role in spermatogenesis. The gene encoding SRSP1 maps to human chromosome 6, which contains 170 million base pairs and comprises nearly 6% of the human genome. Deletion of a portion of the q arm of chromosome 6 is associated with early onset intestinal cancer, suggesting the presence of a cancer susceptibility locus. Additionally, Porphyria cutanea tarda, Parkinson's disease, Stickler syndrome and a susceptibility to bipolar disorder are all associated with genes that map to chromosome 6.

**Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins**

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