**German Research Products - GRP GmbH** 

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## **Product Datasheet**

## STK31 Polyclonal Antibody GRP580

**Description** STK31 (Serine/threonine protein kinase 31) is similar to a mouse

gene that encodes a putative protein kinase with a tudor domain, and shows testis specific expression. Alternative splicing results in multiple transcript variants encoding different isoforms. Protein kinases are enzymes that transfer a phosphate group from a phosphate donor, generally the g phosphate of ATP, onto an acceptor amino acid in a substrate protein. By this basic mechanism, protein kinases mediate most of the signal

transduction in eukaryotic cells, regulating cellular metabolism, transcription, cell cycle progression, cytoskeletal rearrangement and cell movement, apoptosis, and differentiation. With more than 500 gene products, the protein kinase family is one of the

largest families of proteins in eukaryotes.

Species/Host Rabbit

Reactivity Human, Mouse, Rat

Conjugation Unconjugated

Tested Applications IHC-P, WB

Immunogen KLH conjugated synthetic peptide derived from human STK31

(public\_immunogen\_range: 230-280/1019)

Form/Appearance Aqueous buffered solution containing 1% BSA, 50% glycerol and

0.09% sodium azide.

Concentration 1ug/ul

Storage Store at -20°C for 12 months.

**Note** For research use only.

**Isotype** IgG

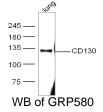
**Clonality** Polyclonal

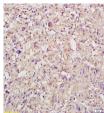
**Purity** Purified by Protein A.

Uniprot ID Q9BXU1

Entrez 56164

**Dilution Range** WB: 1:300-1000, IHC-P: 1:200-400





IHC-P of GRP580