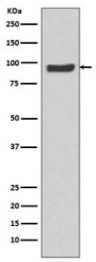
SP1 Antibody / Specificity Protein 1 [clone AOOC-19] (RQ5199)

Catalog No.	Formulation	Size
RQ5199	Antibody in PBS with 0.02% sodium azide, 50% glycerol and 0.4-0.5mg/ml BSA	100 ul

Bulk quote request

Availability	1-2 weeks
Species Reactivity	Human
Format	Purified
Host	Rabbit
Clonality	Rabbit Monoclonal
Isotype	Rabbit IgG
Clone Name	AOOC-19
Purity	Affinity purified
UniProt	P08047
Applications	Western Blot : 1:500-1:2000
Limitations	This SP1 antibody is available for research use only.



Western blot testing of human HeLa cell lysate with SP1 antibody. Reported molecular weight: 81-95 kDa.

Description

The protein encoded by this gene is a zinc finger transcription factor that binds to GC-rich motifs of many promoters. The encoded protein is involved in many cellular processes, including cell differentiation, cell growth, apoptosis, immune responses, response to DNA damage, and chromatin remodeling. Post-translational modifications such as phosphorylation, acetylation, glycosylation, and proteolytic processing significantly affect the activity of this protein, which can be an activator or a repressor. [RefSeq]

Application Notes

Optimal dilution of the SP1 antibody should be determined by the researcher.

Immunogen

A synthetic peptide specific to human SP1 / Specific Protein 1 was used as the immunogen for the SP1 antibody.

Storage

Store the SP1 antibody at -20oC.

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