

# SCP-2 rabbit pAb

Cat No.:ES3846

For research use only

## Overview

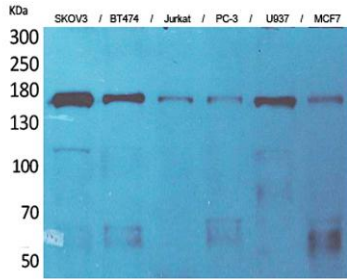
Product Name	SCP-2 rabbit pAb
Host species	Rabbit
Applications	WB;ELISA;IHC
Species Cross-Reactivity	Human;Rat;Mouse;
Recommended dilutions	WB 1:500-2000;IHC-p 1:50-300; ELISA 2000-20000
Immunogen	Synthesized peptide derived from the Internal region of human SCP-2.
Specificity	SCP-2 Polyclonal Antibody detects endogenous levels of SCP-2 protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Storage	Store at -20°C. Avoid repeated freeze-thaw cycles.
Protein Name	Synaptonemal complex protein 2
Gene Name	SYCP2
Cellular localization	Nucleus . Chromosome . In axial/lateral elements of the tripartite segments of synaptonemal complexes. .
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Clonality	Polyclonal
Concentration	1 mg/ml
Observed band	175kD
Human Gene ID	10388
Human Swiss-Prot Number	Q9BX26
Alternative Names	SYCP2; SCP2; Synaptonemal complex protein 2; SCP-2; Synaptonemal complex lateral element protein; hsSCP2
Background	The synaptonemal complex is a proteinaceous structure that links homologous chromosomes during the prophase of meiosis. The protein encoded by this gene is a major component of the synaptonemal complex and may bind DNA at



scaffold attachment regions. The encoded protein requires synaptonemal complex protein 3, but not 1, for inclusion in the synaptonemal complex. [provided by RefSeq, Jul 2008],

Western Blot analysis of SKOV3, BT474, Jurkat, PC-3, U937, MCF7 cells using SCP-2 Polyclonal Antibody.

Secondary antibody(catalog#:RS0002) was diluted at 1:20000 cells nucleus extracted by Minute TM Cytoplasmic and Nuclear Fractionation kit (SC-003, Invent



Immunohistochemical analysis of paraffin-embedded human tonsil. 1, Antibody was diluted at 1:200(4° overnight). 2, Tris-EDTA,pH9.0 was used for antigen retrieval. 3,Secondary antibody was diluted at 1:200(room temperature, 45min).

