

## SCML2 polyclonal antibody

Catalog: BS62478

Host: Rabbit

Reactivity: Human

### BackGround:

In *Drosophila*, the Polycomb (PcG) gene family encodes chromatin proteins that are required for the repression of homeotic loci in embryonic development. PcG proteins work in conjunction with the trithorax-group (trxG), which activate homeobox gene expression during embryonic development. SCM (sex comb on midleg) is an important *Drosophila* PcG protein involved in transcriptional repression. SCML2 (sex comb on midleg-like 2) is a human homolog of this *Drosophila* protein. SCML2 is a ubiquitously expressed protein with predominant expression in placenta, testis and thymus. Upon DNA damage, SCML2 may be phosphorylated by ATR or ATM. Due to alternative splicing, two isoforms exist for this protein.

### Product:

Rabbit IgG, 1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.4.

### Molecular Weight:

~ 77,93 kDa

### Swiss-Prot:

Q9UQR0

### Purification&Purity:

The protein was purified from *E.coli* and the purity is > 95% (by SDS-PAGE).

### Applications:

WB: 1:500~1000

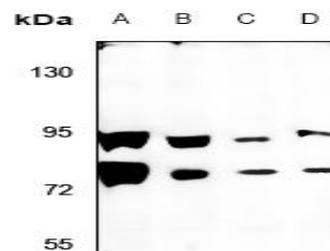
### Storage&Stability:

Store at 4 °C short term. Aliquot and store at -25 °C long term. Avoid freeze-thaw cycles.

### Specificity:

SCML2 polyclonal antibody detects endogenous levels of SCML2 protein.

### DATA:



Western blot (WB) analysis of SCML2 polyclonal antibody at 1:500 dilution

LaneA:HEK293T whole cell lysate

LaneB:K562 whole cell lysate

LaneC:A549 whole cell lysate

LaneD:H1792 whole cell lysate

### Note:

For research use only, not for use in diagnostic procedure.

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