

DESCRIPTION

Species Reactivity	Human
Specificity	Detects human SKI in direct ELISAs and Western blots.
Source	Polyclonal Goat IgG
Purification	Antigen Affinity-purified
Immunogen	<i>E. coli</i> -derived recombinant human SKI Ser536-Lys700 Accession # P12755
Formulation	Lyophilized from a 0.2 µm filtered solution in PBS with Trehalose. See Certificate of Analysis for details.

APPLICATIONS

Please Note: Optimal dilutions should be determined by each laboratory for each application. [General Protocols](#) are available in the Technical Information section on our website.

	Recommended Concentration	Sample
Western Blot	0.1 µg/mL	Recombinant Human SKI
Immunohistochemistry	5-15 µg/mL	Immersion fixed frozen sections of mouse embryo (E13.5)

PREPARATION AND STORAGE

Reconstitution	Reconstitute at 0.2 mg/mL in sterile PBS.
Shipping	The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature recommended below.
Stability & Storage	Use a manual defrost freezer and avoid repeated freeze-thaw cycles. <ul style="list-style-type: none"> ● 12 months from date of receipt, -20 to -70 °C as supplied. ● 1 month, 2 to 8 °C under sterile conditions after reconstitution. ● 6 months, -20 to -70 °C under sterile conditions after reconstitution.

BACKGROUND

SKI is an 80-90 kDa member of the SKI family of oncoproteins. SKI is best known for inhibiting TGF-β signaling through its association with the SMAD proteins. Human SKI is 728 aa long and contains an N-terminal Cys-rich region (aa 94-192) and a C-terminal coiled-coil oligomerization domain (aa 536-710). Over the region used as immunogen, human and mouse SKI protein sequences are 96% identical.