

Anti-Protein ESKIMO 1 antibody

Catalog: PHY1197S

Product Information

Description:	Rabbit polyclonal antibody
Background:	ESK1 is a member of a large gene family of DUF231 domain proteins whose members encode a total of 45 proteins of unknown function. ESK1 is a plant-specific polysaccharide O-acetyltransferase that is involved in xylan acetylation , and has also been described as a key negative regulator of freezing, salt tolerance and water economy.
Synonyms:	ESK1, ESKIMO 1, TBL29, TRICHOME BIREFRINGENCE-LIKE 29, XOAT1, XYLAN O-ACETYLTRANSFERASE 1
Immunogen:	KLH-conjugated synthetic peptide of ESK1 derived from <i>Arabidopsis thaliana</i> AT3G55990.
Form:	Lyophilized
Quantity:	150 µg
Purification:	Serum Peptide affinity form antibody available upon request at info@phytoab.com .
Reconstitution:	Reconstitution with 150µl of sterile water. "Note: please spin tube briefly prior to opening it to avoid any losses that might occur from lyophilized material adhering to the cap or sides of the tube".
Stability &	Use a manual defrost freezer and avoid repeated freeze-thaw cycles.
Storage:	12 months from date of receipt, -20 to -70°C as supplied. 6 months, -20 to -70°C under sterile conditions after reconstitution. 1 month, 2 to 8°C under sterile conditions after reconstitution.
Shipping:	The product is shipped at 4°C. Upon receipt, store it immediately at the temperature recommended above.

Application Information

Recommended Dilution:	Western Blot (1:1000-1:2000) Note: Optimal dilutions/concentrations should be determined by the end user.
Expected/apparent MW:	57 kDa

Research Use Only

Confirmed Reactivity:

Coming soon

Predicted Reactivity:

Among 25 analyzed species, the sequence of the synthetic peptide used for immunization is 80-99% homologous with the sequence in *Spinacia oleracea*.

For more species homologues information, please contact tech support at tech@phytoab.com.