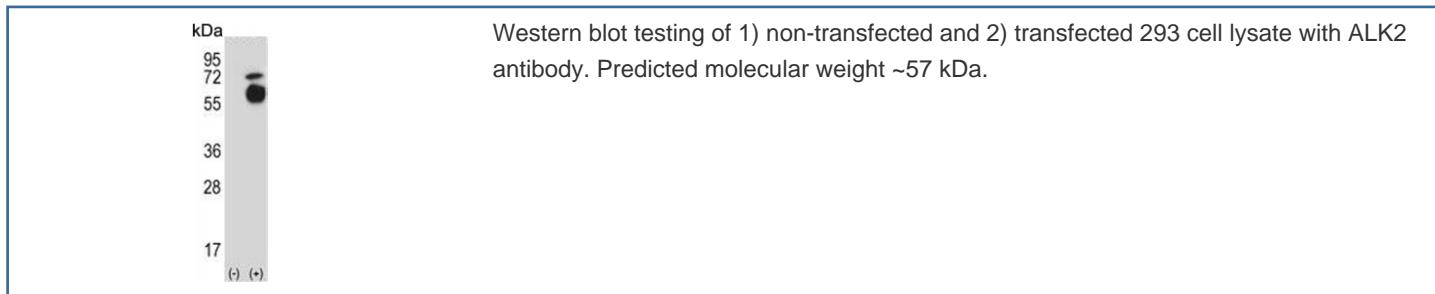
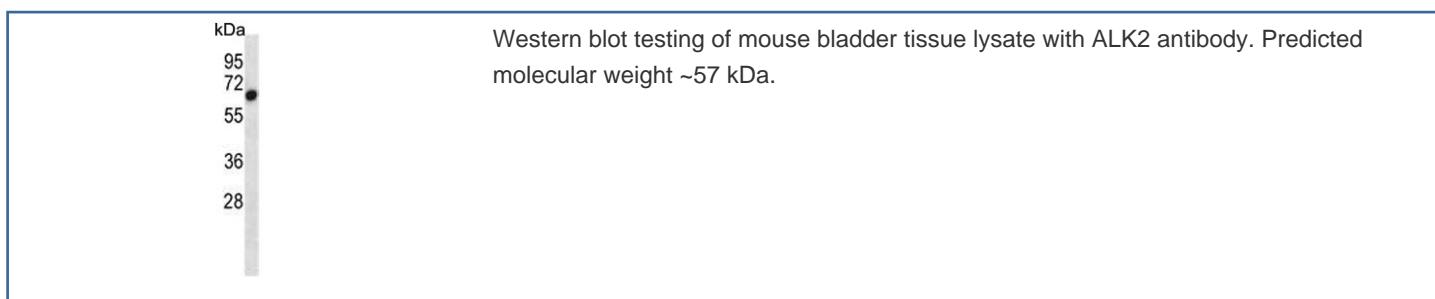


ALK2 Antibody / ACVR1 (F54674)

Catalog No.	Formulation	Size
F54674-0.4ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.4 ml
F54674-0.08ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.08 ml

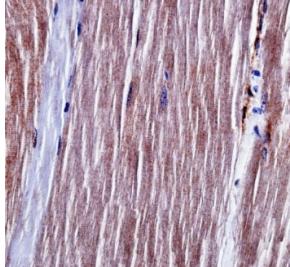
Bulk quote request

Availability	1-3 business days
Species Reactivity	Human, Mouse
Format	Purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit Ig
Purity	Antigen affinity purified
UniProt	P37172
Applications	Immunohistochemistry (FFPE) : 1:25 Western Blot : 1:500-1:2000
Limitations	This ALK2 antibody is available for research use only.



kDa
95
72
55
36
28

Western blot testing of human HeLa cell lysate with ALK2 antibody. Predicted molecular weight ~57 kDa.



IHC testing of FFPE mouse skeletal muscle tissue with ALK2 antibody. HIER: steam section in pH6 citrate buffer for 20 min and allow to cool prior to staining.

Description

On ligand binding, forms a receptor complex consisting of two type II and two type I transmembrane serine/threonine kinases. Type II receptors phosphorylate and activate type I receptors which autophosphorylate, then bind and activate SMAD transcriptional regulators. Receptor for activin. May be involved in left-right pattern formation during embryogenesis.

Application Notes

The stated application concentrations are suggested starting points. Titration of the ALK2 antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

A portion of amino acids 137-166 from the mouse protein was used as the immunogen for the ALK2 antibody.

Storage

Aliquot the ALK2 antibody and store frozen at -20°C or colder. Avoid repeated freeze-thaw cycles.