



POLYCLONAL ANTIBODY

For research use only. Not for clinical diagnosis.

Catalog No. OUA-PO1-A

Anti Rat EVC Rabbit

BACKGROUND

Ellis-van Creveld 症候群は、軟骨の形成不全による四肢の短小を特徴とする遺伝性の疾患であり(1)、原因遺伝子として Ellis-van Creveld (EVC) が同定された(2)。 EVC タンパクには膜貫通ドメイン、ロイシンジッパードメイン、核移行シグナルからなる。骨成長に関わる作用としては軟骨細胞の増殖、分化に関与すると考えられている。免疫染色により、成長板軟骨組織の成熟層から肥大層の軟骨細胞で反応がみられる(3)

Product type	Primary antibodies
Host	Rabbit
Source	Serum
Form	Liquid
Volume	10mM PBS (with 0.01% Sodium Azide as preservative), Affinity Purified (Protein A)
Concentration	100 µl
Specificity	10.6 mg/ml
Antigen	Phospho TDP-43
Isotype	Rat Evc (20-336)
	IgG

Application notes WB, IHC
Recommended use

Recommended dilutions

Western Blot: 1/500-1/1,000 Predicted molecular weight: 110kDa
Immunohistochemistry: 1/500-1/1,000

Optimal dilutions/concentrations should be determined by the end user.

Staining Pattern

Cross reactivity Rat, Mouse
Storage Store below -20°C (below -70°C for prolonged storage).
Aliquot to avoid cycles of freeze/thaw.

References

- 1) Ellis RWB, van Creveld S. 1940. A syndrome characterized by ectodermal dysplasia, polydactyly, chondro-dysplasia and congenital morbus cordis: report of three cases. Arch. Dis. Child, 15:65-84.
- 2) Ruiz-Perez VL, et al.. 2000. Mutations in a new gene in Ellis-van Creveld syndrome and Weyers acrorenal dysostosis. Nat. Genet., 24:283-286.
- 3) Tsuji, T. et al. 2004 Expression of Ellis-van Creveld (Evc) gene in the rat tibial growth plate. Anatomical Record. Anatomical Record 279A: 729-723.



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