



Anti Rat EVC Rabbit Polyclonal Antibody

Catalog No. OUA-P01-A

Lot number	TK06-1
Host animal	Rabbit
Immunogen	Rat Evc (20-336)
Purity	Affinity Purified (Protein A)
Concentration	10.6 mg/ml
Volume	100ul
Formulation	10mM PBS (with 0.01% Sodium Azide as preservative)
Cross Reactivity	Mouse
Application/ Recommended concentration	<ul style="list-style-type: none">• Western Blot: 1/500-1/1,000 Predicted molecular weight: 110kDa• Immunohistochemistry: 1/500-1/1,000
Storage	Store below -20°C (below -70°C for prolonged storage). Aliquot to avoid cycles of freeze/thaw.
Reference	(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 (<i>Evc</i>) gene in the rat tibial growth plate. Anatomical Record. Anatomical Record 279A: 729-723.

For research use only; not for use as a diagnostic.





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Inspiration for Life Science

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)。



COSMO BIO CO., LTD.
TOYO EKIMAE BLDG. 2-20, TOYO 2-CHOME,
KOTO-KU, TOKYO 135-0016, JAPAN
URL : <http://www.cosmobio.co.jp/>