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EVC2 / Limbin Antibody (C-Term)

Peptide-affinity purified goat antibody
Catalog # AF2328a

Specification

EVC2 / Limbin Antibody (C-Term) - Product Information

Application	**IHC**
Primary Accession	Q86UK5
Other Accession	NP_667338.3, NP_001159608.1, 132884
Reactivity	**Human**
Host	**Goat**
Clonality	**Polyclonal**
Concentration	**0.5 mg/ml**
Isotype	**IgG**
Calculated MW	**147948**

EVC2 / Limbin Antibody (C-Term) - Additional Information

Gene ID 132884

Other Names
Limbin, Ellis-van Creveld syndrome protein 2, EVC2, EVC2, LBN

Format
0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin

Storage
Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions
EVC2 / Limbin Antibody (C-Term) is for research use only and not for use in diagnostic or therapeutic procedures.

EVC2 / Limbin Antibody (C-Term) - Protein Information

Name EVC2

Synonyms LBN

Function
Component of the EvC complex that positively regulates ciliary Hedgehog (Hh) signaling. Plays a critical role in bone formation and skeletal development. May be involved in early embryonic morphogenesis.

Cellular Location
Cell membrane {ECO:0000250|UniProtKB:Q8K1G2}; Single-pass type I membrane protein

{ECO:0000250|UniProtKB:Q8K1G2} Cytoplasm, cytoskeleton, cilium basal body {ECO:0000250|UniProtKB:Q8K1G2}. Cell projection, cilium {ECO:0000250|UniProtKB:Q8K1G2}. Cell projection, cilium membrane {ECO:0000250|UniProtKB:Q8K1G2}. Nucleus {ECO:0000250|UniProtKB:Q8K1G2} Note=The EvC complex localizes at the base of cilia in the EvC zone of primary cilia in a EFCAB7-dependent manner {ECO:0000250|UniProtKB:Q8K1G2}

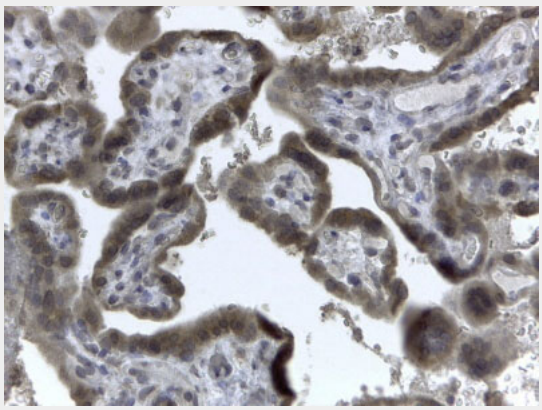
Tissue Location
Found in the heart, placenta, lung, liver, skeletal muscle, kidney and pancreas.

EVC2 / Limbin Antibody (C-Term) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

EVC2 / Limbin Antibody (C-Term) - Images



AF2328a (2 µg/ml) staining of paraffin embedded Human Placenta. Steamed antigen retrieval with citrate buffer pH 6, HRP-staining.

EVC2 / Limbin Antibody (C-Term) - Background

This antibody is expected to recognise isoform 1 (NP_667338.3) and isoform 2 (NP_001159608.1).

EVC2 / Limbin Antibody (C-Term) - References

Positional cloning of the gene LIMBIN responsible for bovine chondrodysplastic dwarfism. Takeda H, Takami M, Oguni T, Tsuji T, Yoneda K, Sato H, Ihara N, Itoh T, Kata SR, Mishina Y, Womack JE, Moritomo Y, Sugimoto Y, Kunieda T. Proc Natl Acad Sci U S A. 2002 Aug 6;99(16):10549-54. PMID: 12136126