

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}

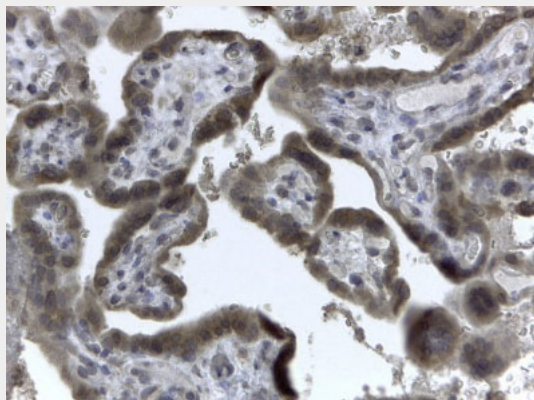
Tissue Location

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 Cytometry](#)
- [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