

DNAXPAb

Hard-to-Find  
Antibody

# CALML5 DNAXPab

Catalog # H00051806-W01P      Size 200 ug

## Specification

|                         |   |
|-------------------------|---|
| Product Description     | Rabbit polyclonal antibody raised against a full-length human CALML5 DNA using DNAX™ Immune technology.   |
| Technology              | <a href="#">DNAX™ Immune</a>  |
| Immunogen               | Full-length human DNA   |
| Sequence                | MAGELTPEEEAQYKKAFSAVDTDGNGTINAQELGAALKATGKNLSEAQLRKLISEVDGDGDGEIS<br>FQEFLTAARKARAGLEDLQVAFRAFDQDGDGHITVDELRRAMAGLGQPLPQEELDAMIREADV<br>QDGRVNYEEFARMLAQE |
| Host                    | Rabbit  |
| Reactivity              | Human   |
| Purification            | Protein A   |
| Quality Control Testing | Antibody reactive against mammalian transfected lysate.   |
| Storage Buffer          | In 1x PBS, pH 7.4   |
| Storage Instruction     | Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.  |

## Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- Immunofluorescence (Transfected cell)
- Flow Cytometry (Transfected cell)

## Gene Info — CALML5

Entrez GeneID [51806](#)

GeneBank Accession# [BC039172.1](#)

Protein Accession# [AAH39172.1](#)

Gene Name CALML5

Gene Alias CLSP

Gene Description calmodulin-like 5

Omim ID [605183](#)

Gene Ontology [Hyperlink](#)

**Gene Summary** This gene encodes a novel calcium binding protein expressed in the epidermis and related to the calmodulin family of calcium binding proteins. Functional studies with recombinant protein demonstrate it does bind calcium and undergoes a conformational change when it does so. Abundant expression is detected only in reconstructed epidermis and is restricted to differentiating keratinocytes. In addition, it can associate with transglutaminase 3, shown to be a key enzyme in the terminal differentiation of keratinocytes. [provided by RefSeq]

**Other Designations** OTTHUMP00000019005|calmodulin-like skin protein

## Pathway

- [Calcium signaling pathway](#)
- [Glioma](#)
- [GnRH signaling pathway](#)
- [Insulin signaling pathway](#)
- [Long-term potentiation](#)
- [Melanogenesis](#)
- [Neurotrophin signaling pathway](#)
- [Olfactory transduction](#)
- [Phosphatidylinositol signaling system](#)
- [Vascular smooth muscle contraction](#)