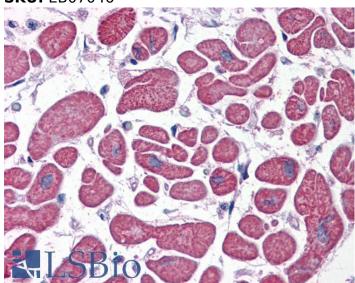


Email: customerservice@vectorlabs.com

Telephone: (650) 697-3600

GOAT ANTI-PDE4D ANTIBODY

SKU: EB07046



SPECIFICATIONS

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

Unit Size

Aliquot and store at -20°C. Minimize freezing and thawing.

Synonym / Alias **Names**

phosphodiesterase 4D|FLJ97311|DKFZp686M11213|phosphodiesterase 4D, cAMP-specific (dunce (Drosophila)homolog phosphodiesterase E3||dunce-like phosphodiesterase E3||cAMP-specific phosphodiesterase PDE4D6 specific phosphodiesterase 4D|STRK1|PDE4DN2|HSPDE4D|DPDE3|HGNC:8783|phosphodiesterase 4D, cAMP-specific (phosphodiesterase E3 dunce homolog, Drosophila)|PDE4D

Usage Summary ELISA: This antibody has been successfully used in ELISA as described in the following paper:

Bazhin et al, Mol Immunol. 2010 Jan;47(4):678-84.; PMID: 19939455.

Accession

 $NP_001184151.1; NP_001184150.1; NP_006194.2; NP_001098101.1; NP_001184152.1; NP_001159371.1; NP_00115971.1; NP_00115971.1; NP_00115971.1; NP_00115971.1; NP_$

Blocking **Peptide**

EBP07046

Immunogen

Peptide with sequence QPEACVIDDRSPDT, from the C Terminus of the protein sequence according to NP 001184151.1; NP 001184150.1; NP 006194.2; NP 001098101.1; NP 001184152.1; NP 001159371.1.

Product Comments

This antiobody is expected to recognize all reported isoforms.

Peptide Sequence

QPEACVIDDRSPDT





Email: customerservice@vectorlabs.com

Telephone: (650) 697-3600

Purification Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using

the immunizing peptide. Method

Shipping

Refrigerated

Predicted

Human Species

Reactive

Human

Species

Human

5144 Gene ID

Product

https://prod-vector-labs-pimcore-assets.s3.us-east-1.amazonaws.com/assets/products/image/elite plus medium.png Grade

IHC Results Paraffin embedded Human Skeletal Muscle and Heart. Recommended concentration: 5µg/ml.

ELISA

Detection

Western

Antibody detection limit dilution 1:128000.

Limit

Blot

Approx 70+80+90kDa bands observed in lysates of cell line A549. In transfected COS1 transiently expressing PDE4D1 and PDE4D3 bands of approx. 68kDa and 95kDa are observed. These bands are not observed in the untransfected COS1. Calculated MW of 91.1kDa according to PDE4D1 (NP 001098101.1), 76.5kDa according to

PDE4D2 (NP 006194.2) and 84.7kDa according to PDE4D3 (NP 001159371.1). Recommended concentration:

 $0.1-0.3\mu g/ml$.

Application

Pep-ELISA, WB-Trf, IHC, EIA Type

SELECTED REFERENCES

[{"pmid": 19939455, "intro": "This antibody has been successfully used in ELISA in the following paper:", "title": "Distinct metabolism of cyclic adenosine monophosphate in regulatory and helper CD4+ T cells.", "author": "Bazhin AV, Kahnert S, Kimpfler S, Schadendorf D, Umansky V.", "journal": "Mol Immunol. 2010 Jan;47(4):678-84."}]

GALLERY IMAGES





Telephone: (650) 697-3600



