

DNAXPab

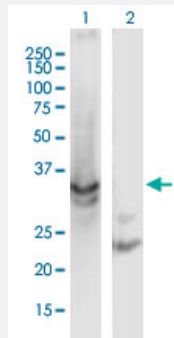
Hard-to-Find
Antibody

CD9 DNAXPab

Catalog # H00000928-W02P

Size 100 ug

Applications



Western Blot (Transfected lysate)

Western Blot analysis of CD9 expression in transfected 293T cell line by CD9 DNAXPab polyclonal antibody.

Lane 1: CD9 transfected lysate(30.36 KDa).

Lane 2: Non-transfected lysate.

Specification

Product Description

Rabbit polyclonal antibody raised against a partial-length human CD9 DNA using DNAX™ Immune technology.

Technology

[DNAX™ Immune](#)

Immunogen

CD9 (AAH11988, 112 a.a. ~ 195 a.a) partial-length human DNA

Sequence

SHKDEVIKEVQEFYKDTYNKLTKDEPQRETLKAIHYALNCCGLAGGVEQFISDICPKKDVLETFTV
KSCPDAIKEVFDNKFHI

Host

Rabbit

Reactivity

Human

Interspecies Antigen Sequence

Mouse (77); Rat (85)

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)

Western Blot analysis of CD9 expression in transfected 293T cell line by CD9 DNAPab polyclonal antibody.

Lane 1: CD9 transfected lysate(30.36 KDa).

Lane 2: Non-transfected lysate.

[Protocol Download](#)

- Immunofluorescence (Transfected cell)

- Flow Cytometry (Transfected cell)

Gene Info — CD9

Entrez GeneID [928](#)

GeneBank Accession# [BC011988](#)

Protein Accession# [AAH11988](#)

Gene Name CD9

Gene Alias 5H9, BA2, BTCC-1, DRAP-27, GIG2, MIC3, MRP-1, P24, TSPAN29

Gene Description CD9 molecule

Omim ID [143030](#)

Gene Ontology [Hyperlink](#)

Gene Summary

The protein encoded by this gene is a member of the transmembrane 4 superfamily, also known as the tetraspanin family. Most of these members are cell-surface proteins that are characterized by the presence of four hydrophobic domains. The proteins mediate signal transduction events that play a role in the regulation of cell development, activation, growth and motility. This encoded protein is a cell surface glycoprotein that is known to complex with integrins and other transmembrane 4 superfamily proteins. It can modulate cell adhesion and migration and also trigger platelet activation and aggregation. In addition, the protein appears to promote muscle cell fusion and support myotube maintenance. [provided by RefSeq]

Other Designations

5H9 antigen|CD9 antigen|CD9 antigen (p24)|OTTHUMP00000041574|OTTHUMP00000041576|antigen defined by monoclonal antibody 602-29|growth-inhibiting gene 2 protein|leukocyte antigen MIC3|motility related protein|motility related protein-1|p24 antigen

Pathway

- [Hematopoietic cell lineage](#)

Disease

- [Alzheimer disease](#)
- [Cardiovascular Diseases](#)
- [Diabetes Complications](#)
- [Infertility](#)
- [Metabolic Syndrome X](#)
- [Neoplasms](#)
- [Osteoporosis](#)