

DNAXPab

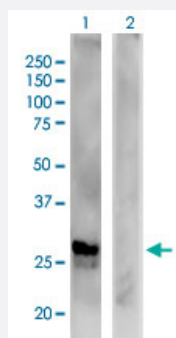
 Hard-to-Find  
Antibody

# CD81 DNAXPab

Catalog # H00000975-W02P

Size 100 ug

## Applications



### Western Blot (Transfected lysate)

Western Blot analysis of CD81 expression in transfected 293T cell line by CD81 DNAXPab polyclonal antibody.

Lane 1: CD81 transfected lysate(30.91 KDa).

Lane 2: Non-transfected lysate.

## Specification

<b>Product Description</b>	Rabbit polyclonal antibody raised against a partial-length human CD81 DNA using DNAX™ Immune technology.
<b>Technology</b>	<a href="#">DNAX™ Immune</a>
<b>Immunogen</b>	CD81 (ABM85948.1, 113 a.a. ~ 201 a.a) partial-length human DNA
<b>Sequence</b>	FVNKDQIAKDVKQFYDQALQQAVVDDDANNAKAVVKTFHETLDCCGSSTLTALTTSVLKNNLCP SGSNIISNLFKEDCHQKIDDLFSGK
<b>Host</b>	Rabbit
<b>Reactivity</b>	Human
<b>Interspecies Antigen Sequence</b>	Mouse (81)
<b>Purification</b>	Protein A
<b>Quality Control Testing</b>	Antibody reactive against mammalian transfected lysate.
<b>Storage Buffer</b>	In 1x PBS, pH 7.4

**Storage Instruction**

Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

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[Protocol Download](#)

- Immunofluorescence (Transfected cell)

- Flow Cytometry (Transfected cell)

## Gene Info — CD81

**Entrez GeneID** [975](#)

**GeneBank Accession#** [DQ895022.2](#)

**Protein Accession#** [ABM85948.1](#)

**Gene Name** CD81

**Gene Alias** S5.7, TAPA1, TSPAN28

**Gene Description** CD81 molecule

**Omim ID** [186845](#)

**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. This protein appears to promote muscle cell fusion and support myotube maintenance. Also it may be involved in signal transduction. This gene is localized in the tumor-suppressor gene region and thus it is a candidate gene for malignancies. [provided by RefSeq]

**Other Designations**

26 kDa cell surface protein TAPA-1|CD81 antigen|CD81 antigen (target of antiproliferative antibody 1)|target of antiproliferative antibody 1

## Pathway

- [B cell receptor signaling pathway](#)

## Disease

- [Atherosclerosis](#)
- [Carcinoma](#)
- [Genetic Predisposition to Disease](#)
- [Hematologic Diseases](#)
- [Hepatitis C](#)
- [Hodgkin Disease](#)
- [Kidney Failure](#)
- [Liver Neoplasms](#)
- [Lung Neoplasms](#)
- [Lymphoproliferative Disorders](#)
- [Multiple Myeloma](#)
- [Obesity](#)
- [Occupational Diseases](#)
- [Pulmonary Disease](#)
- [Urinary Bladder Neoplasms](#)
- [Waldenstrom Macroglobulinemia](#)
- [Werner syndrome](#)