

DNAxPAb

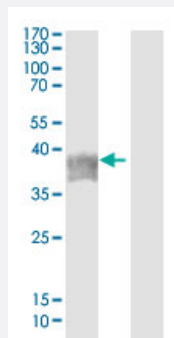
Hard-to-Find
Antibody

EPCAM DNAxPab

Catalog # H00004072-W02P

Size 100 ug

Applications



Western Blot (Transfected lysate)

Western Blot analysis of EPCAM expression in transfected 293T cell line by EPCAM DNAxPab polyclonal antibody.

Lane 1: EPCAM transfected lysate(47.74 KDa).

Lane 2: Non-transfected lysate.

Specification

Product Description

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

Technology

[DNAx™ Immune](#)

Immunogen

CALCRL (NP_002345.1, 24 a.a. ~ 245 a.a) partial-length human DNA

Sequence

QEEVCENYKLAVNCFVNNRQCQCTSVGAQNTVICKLAALKCLVMKAEMNGSKLGRRAKPEG
ALQNDGLYDPDCDESGLFKAKQCNGTSTCWCVNTAGVRRTDKDEITCSERVRTYWIIILKHKA
REKPYDSKSLRTALQKEITTRYQLDPKFITSILYENNVITIDLQNSSQKTQNDVDIADVAYYFEKDVK
GESLFHSHKMDLTVNGEQLDLDPGQTLYYVDEKAPEFSMQGLK

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.

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[Protocol Download](#)

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

Gene Info — EPCAM

Entrez GeneID [4072](#)

GeneBank Accession# [NM_002354.1](#)

Protein Accession# [NP_002345.1](#)

Gene Name EPCAM

Gene Alias 17-1A, 323/A3, CD326, CO-17A, CO17-1A, EGP, EGP-2, EGP34, EGP40, ESA, Ep-CAM, GA7 33-2, HEA125, KS1/4, KSA, M4S1, MH99, MIC18, MK-1, MOC31, TACST-1, TACSTD1, TROP 1, hEGP-2

Gene Description epithelial cell adhesion molecule

Omim ID [185535](#)

Gene Ontology [Hyperlink](#)

Gene Summary This gene encodes a carcinoma-associated antigen and is a member of a family that includes at least two type I membrane proteins. This antigen is expressed on most normal epithelial cells and gastrointestinal carcinomas and functions as a homotypic calcium-independent cell adhesion molecule. The antigen is being used as a target for immunotherapy treatment of human carcinomas. Mutations in this gene result in congenital tufting enteropathy. [provided by RefSeq]

Other Designations adenocarcinoma-associated antigen|carcinoma-associated antigen GA733-2|human epithelial glycoprotein-2|membrane component, chromosome 4, surface marker (35kD glycoprotein)|tumor-associated calcium signal transducer 1

Disease

- [Genetic Predisposition to Disease](#)
- [Ovarian Neoplasms](#)