

DNAPab

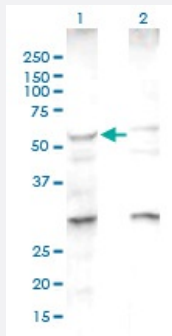
Hard-to-Find
Antibody

SLC45A2 DNAPab

Catalog # H00051151-W01P

Size 100 ug

Applications



Western Blot (Transfected lysate)

Western Blot analysis of SLC45A2 expression in transfected 293T cell line by SLC45A2 DNAPab polyclonal antibody.

Lane 1: SLC45A2 transfected lysate(72.32 KDa).

Lane 2: Non-transfected lysate.

Specification

Product Description	Rabbit polyclonal antibody raised against a full-length human SLC45A2 DNA using DNAPab™ Immune technology.
Technology	DNAPab™ Immune
Immunogen	SLC45A2 (NP_001012527.1, 1 a.a. ~ 460 a.a) full-length human DNA
Sequence	MGSNSGQAGRHYKSLADDGPFDSVEPPKRPTSLIMHSMAMFGREFCYAVEAAYVTPVLLSVG LPSSLYSIVWFLSPILGFLLPVVGASDHCRSRWGRRRPYLTGLVMMLVGMALYLNATVVAALI ANPRRKLVAISVTMIGVVLFDFAADFIDGPIKAYLFDVCSHQDKEKGLHYHALFTGFGGALGYLL GAIDWAHLELGRLLGTEFQVMFFFSAVLTLCTVHLCSISEAPL TEVAKGIPPQQTPQDPPLSSD GMYEYGSIEKVKNKYVNPPELAMQGAKNKNHAEQTRRAMTLKSLLRALVNMPPHYRYLCISHLIGWT AFLSNMLFFTFDMGQVYRGDPYSAHNSTFLYMERGVEVGCWGFCSNVFSSLYSYFQKVLVSYIG LKGLYFTGYLLFGLGTGFIGLFPNVYSTLVLCSLFGVMSSTLYTVPFNLITEYHREEEKEVCCH
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)

Western Blot analysis of SLC45A2 expression in transfected 293T cell line by SLC45A2 DNAxPab polyclonal antibody.

Lane 1: SLC45A2 transfected lysate(72.32 KDa).

Lane 2: Non-transfected lysate.

[Protocol Download](#)

- Immunofluorescence (Transfected cell)

- Flow Cytometry (Transfected cell)

Gene Info — SLC45A2

Entrez GeneID[51151](#)**GeneBank Accession#**[NM_001012509.1](#)**Protein Accession#**[NP_001012527.1](#)**Gene Name**

SLC45A2

Gene Alias

1A1, AIM1, MATP, SHEP5

Gene Description

solute carrier family 45, member 2

Omim ID[606202 606574](#)**Gene Ontology**[Hyperlink](#)**Gene Summary**

This gene encodes a transporter protein that mediates melanin synthesis. The protein is expressed in a high percentage of melanoma cell lines. Mutations in this gene are a cause of oculocutaneous albinism type 4, and polymorphisms in this gene are associated with variations in skin and hair color. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq]

Other Designations

melanoma antigen AIM1|membrane associated transporter|membrane-associated transporter protein|underwhite

Disease

- [Albinism](#)
- [Carcinoma](#)
- [Cardiovascular Diseases](#)
- [Diabetes Mellitus](#)
- [Edema](#)
- [Genetic Predisposition to Disease](#)
- [Hermanski-Pudlak Syndrome](#)
- [Malignant melanoma](#)
- [Melanoma](#)
- [Skin Neoplasms](#)