

DNAPab

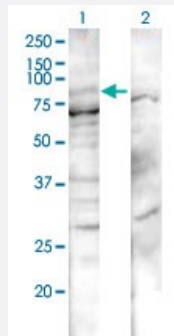
Hard-to-Find
Antibody

SMOX DNAPab

Catalog # H00054498-W01P

Size 100 ug

Applications



Western Blot (Transfected lysate)

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

Lane 1: SMOX transfected lysate(76.45 KDa).

Lane 2: Non-transfected lysate.

Specification

Product Description

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

Technology

[DNAX™ Immune](#)

Immunogen

SMOX (no protein_acc, 1 a.a. ~ 502 a.a) full-length human DNA

Sequence

MQSCESSGDSADDPLSRGLRRRGQPRVVVIGAGLAGLAAAKALLEQGFTDVTVLEASSHIGGRV
QSVKLGHATFELGATWIGHSHGNPIYHLAEANGLLEETTDGERSVGRISLYSKNGVACYLTNHGRRRI
PKDVVEEFSDLYNEVYNLTQEFFRHDKPVNAESQNSVGVTREEVRNRIRNDPDDPEATKRLKL
AMIQQYLKVESCESSHSMDEVSLSAFGEWTEIPGAHHIIPSGFMRVVELLAEGIPAHVIQLGKPV
RCIHWDAQASARPRGPEIEPRGVLRQYTSFFRPGLPTEKVAAIHLRGIGTTDKIFLEFEFPFWGPE
CNSLQFVWEDEAESHTLTYPPELWYRKICGFDVLYPPERYGHVLSGWICGEEALVMEKCDDEAV
AEICTEMLRQFTGNPNIPKPRILRSAWGSNPYFRGSYSYQVVGSSGADVEKLAKPLPYTESSKTA
PMQVLFSGEATHRKYYSTTHGALLSGQREAAarliemyrdlfqqgt

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 — SMOX

Entrez GeneID	54498
GeneBank Accession#	BC000669
Protein Accession#	no protein_acc
Gene Name	SMOX
Gene Alias	C20orf16, FLJ20746, MGC1010, PAO, PAOh1, SMO, dJ779E11.1
Gene Description	spermine oxidase
Gene Ontology	Hyperlink
Gene Summary	The product of this gene is the polyamine oxidase. This enzyme potentially represents a new class of catabolic enzymes in the mammalian polyamine metabolic pathway capable of the efficient oxidation of polyamines. More than five transcript variants encoding four active isoenzymes have been identified for this gene, however, not all variants have been fully described. The characterized isoenzymes have distinctive biochemical characteristics and substrate specificities, suggesting the existence of additional levels of complexity in polyamine catabolism. [provided by RefSeq]

Other Designations

OTTHUMP00000030155|OTTHUMP00000030157|OTTHUMP00000030158|flavin containing amine oxidase|flavin-containing spermine oxidase|polyamine oxidase|putative cyclin G1 interacting protein

Disease

- [Tobacco Use Disorder](#)