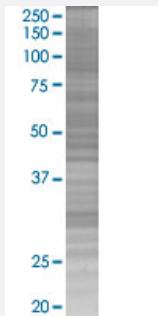


NOXA1 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # H00010811-T02

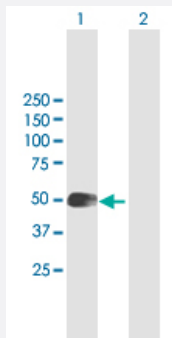
Size 100 uL

Applications



SDS-PAGE Gel

NOXA1 transfected lysate.



Western Blot

Lane 1: NOXA1 transfected lysate (51.70 KDa)

Lane 2: Non-transfected lysate.

Specification

Transfected Cell Line	293T
Plasmid	pCMV-NOXA1 full-length
Host	Human
Theoretical MW (kDa)	51.7
Interspecies Antigen Sequence	Mouse (59); Rat (59)

Quality Control Testing

Transient overexpression cell lysate was tested with Anti-NOXA1 antibody ([H00010811-B01P](#)) by Western Blots.
 SDS-PAGE Gel
 NOXA1 transfected lysate.
 Western Blot
 Lane 1: NOXA1 transfected lysate (51.70 KDa)
 Lane 2: Non-transfected lysate.

Storage Buffer

1X Sample Buffer (50 mM Tris-HCl, 2% SDS, 10% glycerol, 300 mM 2-mercaptoethanol, 0.01% Bromophenol blue)

Storage Instruction

Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot

Gene Info — NOXA1

Entrez GeneID

[10811](#)

GeneBank Accession#

[NM_006647](#)

Protein Accession#

[NP_006638.1](#)

Gene Name

NOXA1

Gene Alias

FLJ25475, MGC131800, NY-CO-31, SDCCAG31, p51NOX

Gene Description

NADPH oxidase activator 1

Omim ID

[611255](#)

Gene Ontology

[Hyperlink](#)

Gene Summary

NADPH oxidases (NOXs) catalyze the transfer of electrons from NADPH to molecular oxygen to generate reactive oxygen species (ROS). The NOX activator NOXA1 can stimulate both NOX1 (MIM 300225) and NOX2 (CYBB; MIM 300481), but it appears to be more effective in activating NOX1 (Opitz et al., 2007 [PubMed 17189823]).[supplied by OMIM]

Other Designations

Nox activator 1|inhibitory NADPH oxidase activator 1|p67phox-like factor|serologically defined colon cancer antigen 31