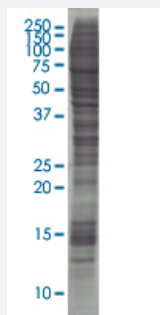


ANXA2 HEK293 Cell Transient Overexpression Lysate(Non-Denatured)

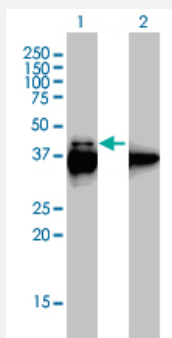
Catalog # L016T6 Size 100 ug

Applications



SDS-PAGE Gel

ANXA2 transfected lysate



Western Blot

Lane 1: ANXA2 transfected lysate (39 KDa).

Lane 2: Non-transfected lysate.

Specification

Transfected Cell Line	HEK293
Plasmid	pCMV-ANXA2 full length
Host	Human
Theoretical MW (kDa)	39
Lysis Buffer	Modified RIPA Lysis Buffer:50 mM Tris-HCl pH 7.4, 150 mM NaCl, 1mM EDTA, 1% Triton X-100, 0.1% SDS, 1% Sodium deoxycholate, 1mM PMSF.
Concentration	2 mg/ml

Quality Control Testing

Transient overexpression cell lysate was tested with Anti-ANXA2 antibody ([H00000302-M02](#)) by Western Blots.
SDS-PAGE Gel
ANXA2 transfected lysate
Western Blot
Lane 1: ANXA2 transfected lysate (39 KDa).
Lane 2: Non-transfected lysate.

Recommend Usage

Use it directly for immuno-precipitation, or heat lysate with SDS gel loading buffer to 95°C for 5 minutes followed by rapid cooling for western blot application. If dissociating conditions are required, add reducing agent prior to heating.

Storage Buffer

In modified RIPA Lysis Buffer.

Storage Instruction

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

Applications

- Western Blot
- Immunoprecipitation

[Protocol Download](#)

Gene Info — ANXA2

Entrez GeneID

[302](#)

GeneBank Accession#

[BC009564](#)

Protein Accession#

[AAH09564](#)

Gene Name

ANXA2

Gene Alias

ANX2, ANX2L4, CAL1H, LIP2, LPC2, LPC2D, P36, PAP-IV

Gene Description

annexin A2

Omim ID

[151740](#)

Gene Ontology

[Hyperlink](#)

Gene Summary

This gene encodes a member of the annexin family. Members of this calcium-dependent phospholipid-binding protein family play a role in the regulation of cellular growth and in signal transduction pathways. This protein functions as an autocrine factor which heightens osteoclast formation and bone resorption. This gene has three pseudogenes located on chromosomes 4, 9 and 10, respectively. Multiple alternatively spliced transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq]

Other Designations

OTTHUMP00000163650|annexin III|calpactin I heavy polypeptide|chromobindin 8|lipocortin II|platelet anticoagulant protein IV

Disease

- [Anemia](#)
- [Cardiovascular Diseases](#)
- [Diabetes Mellitus](#)
- [Edema](#)
- [Genetic Predisposition to Disease](#)
- [Osteonecrosis](#)
- [Prostatic Neoplasms](#)
- [Tobacco Use Disorder](#)