

REL polyclonal antibody

Catalog # PAB10284 Size 100 uL

Applications

Western Blot (Cell lysate)



Immunoblot of HeLa cell extract.

All incubations except color development were performed using TBS supplemented with 0.1% Tween-20 at room temperature.

The membrane was blocked in 5% dry milk for 2 h.

After washing, a 1 : 1,000 dilution of the primary antibody was added to the membrane and incubated for 2 h.

Washes with buffer were performed 4 times for 5' each.

The immunoblot was incubated with secondary antibody (HRP Goat-a-RabbitIgG [H&L]) diluted 1:2,000 for 1h.

Washes with TBS preceded color development.

Specification

Product Description	Rabbit polyclonal antibody raised against synthetic peptide of REL.
Immunogen	A synthetic peptide (conjugated with KLH) corresponding to C-terminus human REL.
Host	Rabbit
Reactivity	Human
Form	Liquid
Quality Control Testing	Antibody Reactive Against Synthetic Peptide.
Recommend Usage	Western Blot (1:1000) Gel Supershift Assay (0.5-1.0 ul per assay) The optimal working dilution should be determined by the end user.
Storage Buffer	In 20 mM KH ₂ PO ₄ , 150 mM NaCl, pH 7.2 (0.01% sodium azide)

Storage Instruction

Store at 4°C. For long term storage store at -20°C.
Aliquot to avoid repeated freezing and thawing.

Note

This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot (Cell lysate)

Immunoblot of HeLa cell extract.

All incubations except color development were performed using TBS supplemented with 0.1% Tween-20 at room temperature.

The membrane was blocked in 5% dry milk for 2 h.

After washing, a 1 : 1,000 dilution of the primary antibody was added to the membrane and incubated for 2 h.

Washes with buffer were performed 4 times for 5' each.

The immunoblot was incubated with secondary antibody (HRP Goat-a-RabbitIgG [H&L]) diluted 1:2,000 for 1h.

Washes with TBS preceded color development.

- Enzyme-linked Immunoabsorbent Assay

Gene Info — REL

Entrez GeneID

[5966](#)

Gene Name

REL

Gene Alias

C-Rel

Gene Description

v-rel reticuloendotheliosis viral oncogene homolog (avian)

Omim ID

[164910](#)

Gene Ontology

[Hyperlink](#)

Gene Summary

The REL gene encodes c-Rel, a transcription factor that is a member of the Rel/NFκB family, which also includes RELA (MIM 164014), RELB (604758), NFκB1 (MIM 164011), and NFκB2 (MIM 164012). These proteins are related through a highly conserved N-terminal region termed the 'Rel domain,' which is responsible for DNA binding, dimerization, nuclear localization, and binding to the NFκB inhibitor (MIM 164008) (Belguise and Sonenshein, 2007 [PubMed 18037997]).[supplied by OMIM]

Other Designations

C-Rel proto-oncogene protein|oncogene REL, avian reticuloendotheliosis|v-rel avian reticuloendotheliosis viral oncogene homolog|v-rel reticuloendotheliosis viral oncogene homolog

Disease

- [Arthritis](#)
- [Cardiovascular Diseases](#)
- [Celiac Disease](#)
- [Diabetes Mellitus](#)
- [Disease Susceptibility](#)
- [Edema](#)
- [Genetic Predisposition to Disease](#)
- [Hematologic Diseases](#)
- [Hodgkin Disease](#)
- [Lymphoma](#)
- [Lymphoproliferative Disorders](#)
- [Multiple Myeloma](#)
- [Occupational Diseases](#)
- [Psoriasis](#)
- [Waldenstrom Macroglobulinemia](#)
- [Werner syndrome](#)