

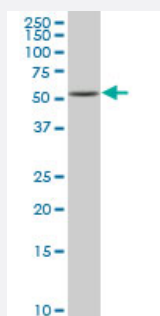
MaxPab®

RUNX3 MaxPab mouse polyclonal antibody (B01)

Catalog # H00000864-B01

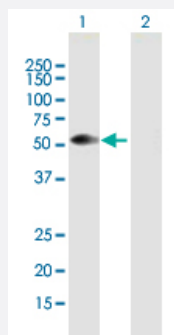
Size 50 uL

Applications



Western Blot (Tissue lysate)

RUNX3 MaxPab polyclonal antibody. Western Blot analysis of RUNX3 expression in human pancreas.

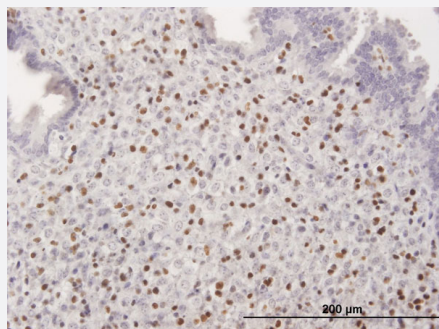


Western Blot (Transfected lysate)

Western Blot analysis of RUNX3 expression in transfected 293T cell line ([H00000864-T01](#)) by RUNX3 MaxPab polyclonal antibody.

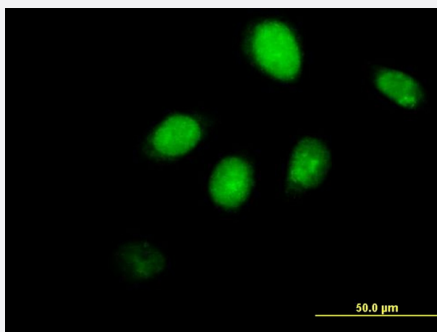
Lane 1: RUNX3 transfected lysate(47.19 KDa).

Lane 2: Non-transfected lysate.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunoperoxidase of purified MaxPab antibody to RUNX3 on formalin-fixed paraffin-embedded human endometrium. [antibody concentration 3 ug/ml]



Immunofluorescence

Immunofluorescence of purified MaxPab antibody to RUNX3 on HeLa cell.
[antibody concentration 10 ug/ml]

Specification

Product Description	Mouse polyclonal antibody raised against a full-length human RUNX3 protein.
Immunogen	RUNX3 (AAH13362.1, 1 a.a. ~ 429 a.a) full-length human protein.
Sequence	MASNSIFDSFPTYSPTFIRD PSTSRRFTPPSPA FPCGGGGGKMGENSGALSAQA AVGP GGRARP EV RSMVDVLADHAGELVRTDSPNFLCSVLPSHWRCNKTLPVAFKVVALGDVPDGT VVTVMAGN DENYSAELRNASAVMKNQVARFNDLR FVGRSGRGKSFTLTITVFTNPTQVATYHRAIKVTVDGPR EPRRHRQKLEDQTKPFPDRFGDLERLRMRVTPSTSPRGSLSTTSHFSSQPQTPIQGTSELNPF S DPRQFDRSFPTLPTLTESRFPDPRMHYPGAMSAAFPYSATPSGTSISSLSVAGMPATSRFHHTYL PPPYPGAPQNQSGPFQANPSPYHLYGTSSGSYQFSMVAGSSSGGDRSPTRMLASCTSSAASV AAGNLMNPSLGGQSDGVEADGSHSNSPTALSTPGRMDEAVWRPY
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Rat (91)
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	No additive
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
Note	For IHC and IF applications, antibody purification with Protein A will be needed prior to use.

Applications

- Western Blot (Tissue lysate)

RUNX3 MaxPab polyclonal antibody. Western Blot analysis of RUNX3 expression in human pancreas.

[Protocol Download](#)

- Western Blot (Transfected lysate)

Western Blot analysis of RUNX3 expression in transfected 293T cell line ([H00000864-T01](#)) by RUNX3 MaxPab polyclonal antibody.

Lane 1: RUNX3 transfected lysate(47.19 KDa).

Lane 2: Non-transfected lysate.

[Protocol Download](#)

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunoperoxidase of [purified](#) MaxPab antibody to RUNX3 on formalin-fixed paraffin-embedded human endometrium. [antibody concentration 3 ug/ml]

[Protocol Download](#)

- Immunofluorescence

Immunofluorescence of [purified](#) MaxPab antibody to RUNX3 on HeLa cell. [antibody concentration 10 ug/ml]

Gene Info — RUNX3

Entrez GeneID

[864](#)

GeneBank Accession#

[NM_001031680.2](#)

Protein Accession#

[AAH13362.1](#)

Gene Name

RUNX3

Gene Alias

AML2, CBFA3, FLJ34510, MGC16070, PEBP2aC

Gene Description

runt-related transcription factor 3

Omim ID

[600210](#)

Gene Ontology

[Hyperlink](#)

Gene Summary

This gene encodes a member of the runt domain-containing family of transcription factors. A heterodimer of this protein and a beta subunit forms a complex that binds to the core DNA sequence 5'-PYGPYGGT-3' found in a number of enhancers and promoters, and can either activate or suppress transcription. It also interacts with other transcription factors. It functions as a tumor suppressor, and the gene is frequently deleted or transcriptionally silenced in cancer. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq]

Other Designations

OTTHUMP00000003370|OTTHUMP00000003371|PEA2 alpha C|PEBP2 alpha C|acute myeloid leukemia gene 2|core-binding factor, runt domain, alpha subunit 3|polyomavirus enhancer-binding protein 2 alpha C subunit|transcription factor AML2

Disease

- [Celiac Disease](#)
- [Colitis](#)
- [Gastritis](#)
- [Genetic Predisposition to Disease](#)
- [Helicobacter Infections](#)
- [Intestinal Neoplasms](#)
- [Keloid](#)
- [Narcolepsy](#)
- [Stomach Neoplasms](#)
- [Urinary Bladder Neoplasms](#)