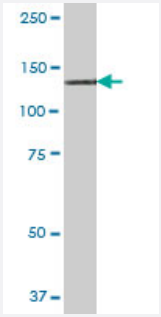
MaxPab®

RNF111 purified MaxPab mouse polyclonal antibody (B01P)

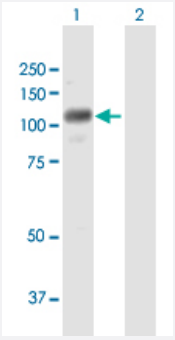
Catalog # H00054778-B01P Size 50 ug

Applications



Western Blot (Tissue lysate)

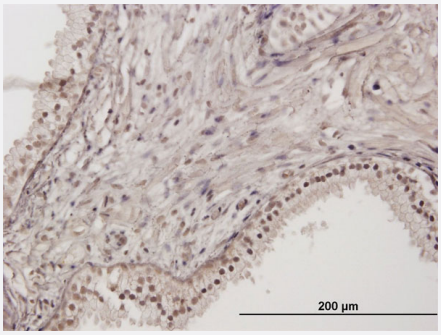
RNF111 MaxPab polyclonal antibody. Western Blot analysis of RNF111 expression in rat brain.



Western Blot (Transfected lysate)

Western Blot analysis of RNF111 expression in transfected 293T cell line (H00054778-T01) by RNF111 MaxPab polyclonal antibody.

Lane 1: RNF111 transfected lysate(108.35 KDa).
Lane 2: Non-transfected lysate.



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

Immunoperoxidase of purified MaxPab antibody to RNF111 on formalin-fixed paraffin-embedded human prostate. [antibody concentration 3 ug/ml]

Specification

Product Description	Mouse polyclonal antibody raised against a full-length human RNF111 protein.

Immunogen	RNF111 (AAH60862.1, 1 a.a. ~ 985 a.a) full-length human protein.
Sequence	MSQWTPEYKELYTLKVDMKSEIPSDAPKTQESLKGILLHPEPIGAAKSFPAGVEMINSKVGNEFSH LCDDSQKQEKEMNGNQQEQEKSLVVRKKRKSQQAGPSYVQNCVKENQGILGLRQHLGTPSDE DNDSSFSDCLSSPSSSLHFGDSDTVTSDEDKEVSVRHSQTILNAKSRSHSARSHKWPRTETESV SGLLMKRPCLHGSSLRRLPCRKRFVKNNSSQRTQKQKERILMQRKKREVLARRKYALLPSSSSS SENDLSSESSSSSSTEGEEDLFVSASENHQNNPAVPSGSIDEDVVVIEASSTPQVTANEEINVTS TDSEVEIVTVGESYRSRSTLGHSRSHWSQGSSSHASRPQEPRNRSRISTVIQPLRQNAAEVVDLT VDEDEPTVVPTTSARMESQATSASINNSNPSTSEQASDTASAVTSSQPSTVSETSATLTSNSTTG TSIGDDSRRTTSSAVTETGPPAMPRLPSCCPQHSPCGGSSQNHHALGHPHTSCFQQHGHHFQH HHHHHHTPHPAVPVSPSFSDPACPVERPPQVQAPCGANSSSGTSYHEQALPVDLSNSGIRSHG SGSFHGASAFDPCCPVSSSRAAIFGHQAAAAAPSQPLSSIDGYGSSMVAQPQPQPPPQPSLSS CRHYMPPPYASLTRPLHHQASACPHSHGNPPPQTQPPPQVDYVIPHPVHAFHSQISSHATSHPV APPPPTHLASTAAPIPQHLPPTHQPISHHIPATAPPAQRLHPHEVMQRMEVQRRRMMQHPTRAHE RPPPHPHRMHPNYGHGHHIHVPQTMSSHPRQAPERSAWELGIEAGVTAATYTPGALHPHLAHYH APPRLHHLQLGALPLMVPDMAGYPHIRYISSGLDGTSFRGPFRGNFEELIHLEERLGNVNRGASQG TIERCTYPHKYKKRKLHCKQDGEEGTEEDTEEKCTICLSILEEGEDVRRLPCMHLFHQVCVDQWLI TNKKCPICRVDIEAQLPSES
Host	Mouse
Reactivity	Human, Rat
Interspecies Antigen Sequence	Mouse (89); Rat (89)
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.

Applications

- Western Blot (Tissue lysate)

  RNF111 MaxPab polyclonal antibody. Western Blot analysis of RNF111 expression in rat brain.

  Protocol Download

- Western Blot (Transfected lysate)

  Western Blot analysis of RNF111 expression in transfected 293T cell line (H00054778-T01) by RNF111 MaxPab polyclonal antibody.

  Lane 1: RNF111 transfected lysate(108.35 KDa).
  Lane 2: Non-transfected lysate.

  Protocol Download

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

  Immunoperoxidase of purified MaxPab antibody to RNF111 on formalin-fixed paraffin-embedded human prostate. [antibody concentration 3 ug/ml]

  Protocol Download

Gene Info — RNF111

Entrez GeneID	54778
GeneBank Accession#	BC060862.1
Protein Accession#	AAH60862.1
Gene Name	RNF111
Gene Alias	ARK, DKFZp313E0731, DKFZp686H1966, DKFZp761D081, FLJ38008
Gene Description	ring finger protein 111
Omim ID	605840
Gene Ontology	Hyperlink
Gene Summary	The protein encoded by this gene contains a RING finger domain, a motif known to be involved in protein-protein and protein-DNA interactions. The mouse counterpart of this gene (Rnf111/arkadia) has been shown to genetically interact with the transforming growth factor (TGF) beta-like factor Nodal, and act as a modulator of the nodal signaling cascade, which is essential for the induction of mesoderm during embryonic development. [provided by RefSeq
Other Designations	Arkadia

Publication Reference

- Multiple Arkadia/RNF111 structures coordinate its Polycomb body association and transcriptional control.

  Sun H, Liu Y, Hunter T.

  Molecular and Cellular Biology 2014 Aug; 34(16):2981.

  Application: WB-Tr, Mouse, MEFs

- Nuclear receptor NR4A1 promotes breast cancer invasion and metastasis by activating TGF-β signalling.

  Zhou F, Drabsch Y, Dekker TJ, de Vinuesa AG, Li Y, Hawinkels LJ, Sheppard KA, Goumans MJ, Luwor RB, de Vries CJ, Mesker WE, Tollenaar RA, Devilee P, Lu CX, Zhu H, Zhang L, Dijke PT.

  Nature Communications 2014 Mar; 5:3388.

  Application: WB-Tr, Human, HEK 293T cells