

BAF60B / SMARCD2 Antibody (clone 2F7)
Mouse Monoclonal Antibody
Catalog # ALS14156**Specification**

BAF60B / SMARCD2 Antibody (clone 2F7) - Product Information

Application	WB, IF, IHC
Primary Accession	O92925
Reactivity	Human
Host	Mouse
Clonality	Monoclonal
Calculated MW	59kDa KDa

BAF60B / SMARCD2 Antibody (clone 2F7) - Additional Information**Gene ID** 6603**Other Names**

SWI/SNF-related matrix-associated actin-dependent regulator of chromatin subfamily D member 2, 60 kDa BRG-1/Brm-associated factor subunit B, BRG1-associated factor 60B, BAF60B, SMARCD2, BAF60B

Target/Specificity

Human SMARCD2

Reconstitution & Storage

Short term 4°C, long term aliquot and store at -20°C, avoid freeze thaw cycles.

Precautions

BAF60B / SMARCD2 Antibody (clone 2F7) is for research use only and not for use in diagnostic or therapeutic procedures.

BAF60B / SMARCD2 Antibody (clone 2F7) - Protein Information**Name** SMARCD2**Synonyms** BAF60B**Function**

Involved in transcriptional activation and repression of select genes by chromatin remodeling (alteration of DNA-nucleosome topology). Component of SWI/SNF chromatin remodeling complexes that carry out key enzymatic activities, changing chromatin structure by altering DNA-histone contacts within a nucleosome in an ATP-dependent manner (PubMed:22952240, PubMed:26601204). Critical regulator of myeloid differentiation, controlling granulocytopoiesis and the expression of genes involved in neutrophil granule formation (PubMed:28369036).

Cellular Location

Nucleus.

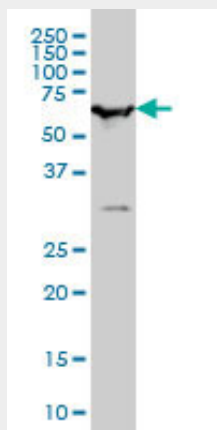
Tissue Location

Isoform 2 is expressed in the pancreas.

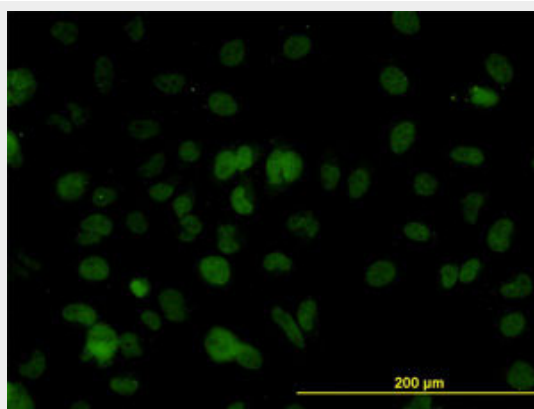
BAF60B / SMARCD2 Antibody (clone 2F7) - Protocols

Provided below are standard protocols that you may find useful for product applications.

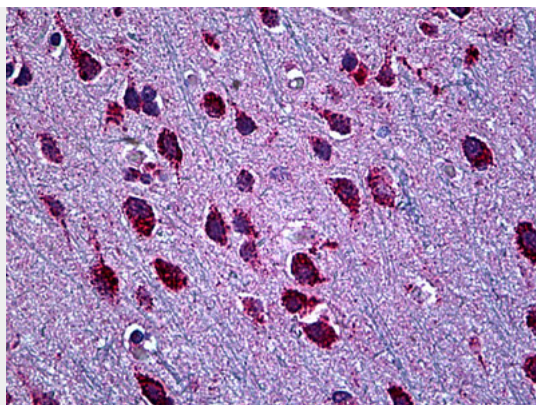
- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

BAF60B / SMARCD2 Antibody (clone 2F7) - Images

SMARCD2 monoclonal antibody clone 2F7 Western blot of SMARCD2 expression in HeLa NE.



Immunofluorescence of monoclonal antibody to SMARCD2 on HeLa cell. [antibody concentration 10 ug/ml]



Anti-SMARCD2 antibody IHC of human brain, cortex.

BAF60B / SMARCD2 Antibody (clone 2F7) - Background

Involved in transcriptional activation and repression of select genes by chromatin remodeling (alteration of DNA-nucleosome topology).

BAF60B / SMARCD2 Antibody (clone 2F7) - References

- Wang W.,et al.Genes Dev. 10:2117-2130(1996).
Ota T.,et al.Nat. Genet. 36:40-45(2004).
Zody M.C.,et al.Nature 440:1045-1049(2006).
Mural R.J.,et al.Submitted (SEP-2005) to the EMBL/GenBank/DDBJ databases.
Zhang C.,et al.Submitted (DEC-1998) to the EMBL/GenBank/DDBJ databases.