

XPLN Antibody
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP53330**Specification**

XPLN Antibody - Product Information

Application	WB
Primary Accession	Q9NR81
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Calculated MW	60 KDa
Antigen Region	453-502

XPLN Antibody - Additional Information**Gene ID** 50650**Dilution**

WB~~ 1:1000

Format

Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.09% (W/V) sodium azide and 50% glycerol

Storage

Store at -20 °C.Stable for 12 months from date of receipt

XPLN Antibody - Protein Information**Name** ARHGEF3**Function**

Acts as a guanine nucleotide exchange factor (GEF) for RhoA and RhoB GTPases.

Cellular Location

Cytoplasm.

Tissue Location

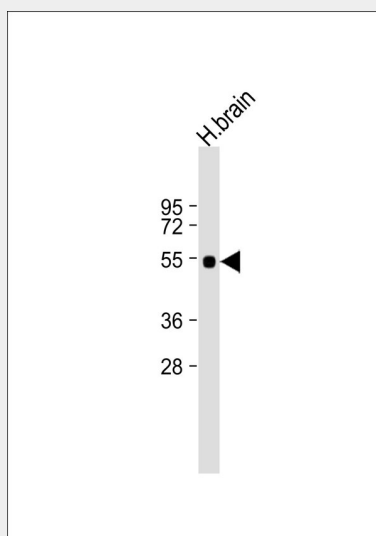
Widely expressed. Highest levels are found in adult brain and skeletal muscle. Lower levels are found in heart and kidney

XPLN Antibody - 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](#)

XPLN Antibody - Images



Anti-XPLN Antibody at 1:1000 dilution + human brain lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 60 kDa Blocking/Dilution buffer: 5% NFDM/TBST.

XPLN Antibody - Background

Acts as guanine nucleotide exchange factor (GEF) for RhoA and RhoB GTPases.

XPLN Antibody - References

Thiesen S.,et al.Biochem. Biophys. Res. Commun. 273:364-369(2000).
Wiemann S.,et al.Genome Res. 11:422-435(2001).
Guo J.H.,et al.Submitted (OCT-2001) to the EMBL/GenBank/DDBJ databases.
Ota T.,et al.Nat. Genet. 36:40-45(2004).
Totoki Y.,et al.Submitted (MAR-2005) to the EMBL/GenBank/DDBJ databases.