

Goat Anti-EPB41L2 / 4.1G (aa 593 to 604) Antibody
Peptide-affinity purified goat antibody
Catalog # AF1372a**Specification**

Goat Anti-EPB41L2 / 4.1G (aa 593 to 604) Antibody - Product Information

Application	WB, IHC
Primary Accession	O43491
Other Accession	NP_001422 , 2037
Reactivity	Human
Host	Goat
Clonality	Polyclonal
Concentration	100ug/200ul
Isotype	IgG
Calculated MW	112588

Goat Anti-EPB41L2 / 4.1G (aa 593 to 604) Antibody - Additional Information**Gene ID** 2037**Other Names**

Band 4.1-like protein 2, Generally expressed protein 4.1, 4.1G, EPB41L2

Format

0.5 mg IgG/ml in Tris saline (20mM Tris pH7.3, 150mM NaCl), 0.02% sodium azide, with 0.5% bovine serum albumin

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

Goat Anti-EPB41L2 / 4.1G (aa 593 to 604) Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

Goat Anti-EPB41L2 / 4.1G (aa 593 to 604) Antibody - Protein Information**Name** EPB41L2 ([HGNC:3379](#))**Function**

Required for dynein-dynactin complex and NUMA1 recruitment at the mitotic cell cortex during anaphase (PubMed:23870127).

Cellular Location

Cytoplasm, cytoskeleton. Cytoplasm, cell cortex. Cell membrane

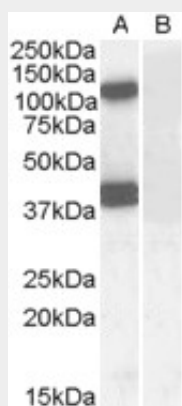
Tissue Location
Widely expressed.

Goat Anti-EPB41L2 / 4.1G (aa 593 to 604) Antibody - Protocols

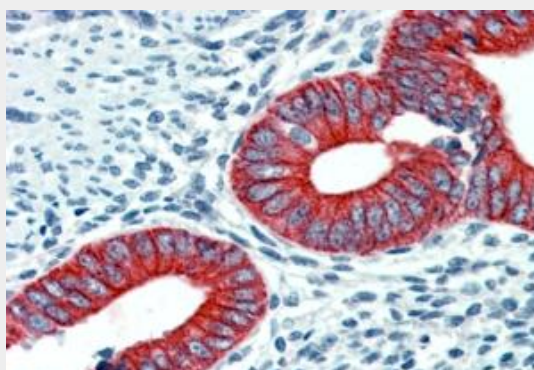
Provided below are standard protocols that you may find useful for product applications.

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

Goat Anti-EPB41L2 / 4.1G (aa 593 to 604) Antibody - Images



AF1372a (0.1 µg/ml) staining of Human Brain (Cerebellum) lysate (35 µg protein in RIPA buffer) with (B) and without (A) blocking with the immunising peptide. Primary incubation was 1 hour. Detected by chemiluminescence.



AF1372a (2.5 µg/ml) staining of paraffin embedded Human Uterus. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.

Goat Anti-EPB41L2 / 4.1G (aa 593 to 604) Antibody - References

Personalized smoking cessation: interactions between nicotine dose, dependence and quit-success genotype score. Rose JE, et al. Mol Med, 2010 Jul-Aug. PMID 20379614.
Genome-wide association study of childhood acute lymphoblastic leukemia in Korea. Han S, et al.

Leuk Res, 2010 Oct. PMID 20189245.

Toward a confocal subcellular atlas of the human proteome. Barbe L, et al. Mol Cell Proteomics, 2008 Mar. PMID 18029348.

Protein 4.1G binds to a unique motif within the Fc gamma RI cytoplasmic tail. Beekman JM, et al. Mol Immunol, 2008 Apr. PMID 18023480.

Large-scale mapping of human protein-protein interactions by mass spectrometry. Ewing RM, et al. Mol Syst Biol, 2007. PMID 17353931.