

Centaurin alpha 2 Polyclonal Antibody
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP55315

Specification

Centaurin alpha 2 Polyclonal Antibody - Product Information

Application	WB, IHC-P
Primary Accession	Q9NPF8
Reactivity	Rat, Pig, Dog, Bovine
Host	Rabbit
Clonality	Polyclonal
Calculated MW	44349

Centaurin alpha 2 Polyclonal Antibody - Additional Information

Gene ID 55803

Other Names

Arf-GAP with dual PH domain-containing protein 2, Centaurin-alpha-2, Cnt-a2, ADAP2, CENTA2

Format

0.01M TBS(pH7.4), 0.09% (W/V) sodium azide and 50% Glyce

Storage

Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

Centaurin alpha 2 Polyclonal Antibody - Protein Information

Name ADAP2

Synonyms CENTA2

Function

GTPase-activating protein for the ADP ribosylation factor family (Potential). Binds phosphatidylinositol 3,4,5-trisphosphate (PtdInsP3) and inositol 1,3,4,5-tetrakisphosphate (InsP4). Possesses a stoichiometry of two binding sites for InsP4 with identical affinity.

Cellular Location

Cytoplasm. Cell membrane. Note=Constitutively associated with the plasma membrane. Excluded from the nucleus

Tissue Location

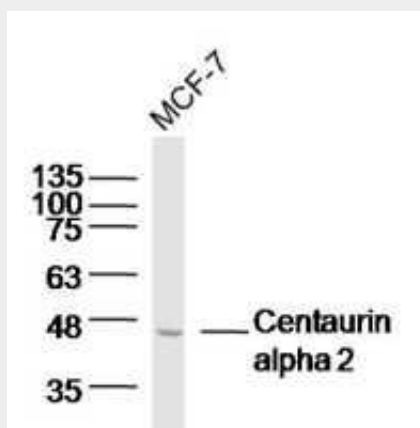
Highly expressed in placenta, spleen, kidney, skeletal muscle and adrenal gland. Weakly expressed in thyroid, liver, heart, lung, small intestine, peripheral blood leukocytes. Not detected in spinal cord, brain, stomach, trachea, colon, lymph node and bone marrow.

Centaurin alpha 2 Polyclonal Antibody - Protocols

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

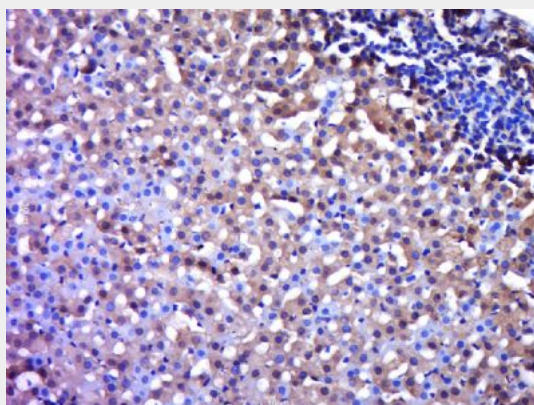
- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Centaurin alpha 2 Polyclonal Antibody - Images



Sample:

MCF-7 Cell (Human) Lysate at 30 ug
Primary: Anti-Centaurin alpha 2 (bs-13841R) at 1/300 dilution
Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution
Predicted band size: 44kD
Observed band size: 44kD



Paraformaldehyde-fixed, paraffin embedded (Rat adrenal); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (Centaurin alpha 2) Polyclonal Antibody, Unconjugated (bs-13841R) at 1:400 overnight at 4°C, followed by a conjugated secondary (sp-0023) for 20 minutes and DAB staining.