


Product datasheet

# Anti-Centaurin alpha 2 antibody ab101675

1 References 2 Images

Overview

<b>Product name</b>	Anti-Centaurin alpha 2 antibody
<b>Description</b>	Rabbit polyclonal to Centaurin alpha 2
<b>Tested applications</b>	<b>Suitable for:</b> WB, IHC-P
<b>Species reactivity</b>	<b>Reacts with:</b> Human <b>Predicted to work with:</b> Mouse, Rat 
<b>Immunogen</b>	Recombinant fragment, corresponding to amino acids 48-281 of Human Centaurin alpha 2 (BC033758).
<b>Positive control</b>	Human fetal spleen and Human fetal kidney lysates (WB) Human fetal spleen tissue (IHC)

Properties

<b>Form</b>	Lyophilised:Reconstitute with 200ul distilled sterile water. Please note that if you receive this product in liquid form it has already been reconstituted as described and no further reconstitution is necessary.
<b>Storage instructions</b>	Shipped at 4°C. Store at -20°C. Stable for 12 months at -20°C.
<b>Storage buffer</b>	Preservative: 0.02% Sodium Azide Constituents: PBS, pH 7.2
<b>Purity</b>	Immunogen affinity purified
<b>Clonality</b>	Polyclonal
<b>Isotype</b>	IgG

Applications

Our [Abpromise guarantee](#) covers the use of **ab101675** in the following tested applications.

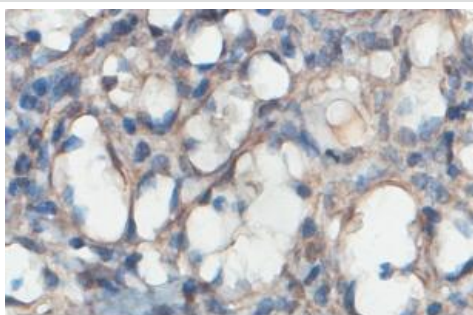
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
WB		1/500 - 1/1000. Predicted molecular weight: 44 kDa.
IHC-P		1/100 - 1/500.

## Target

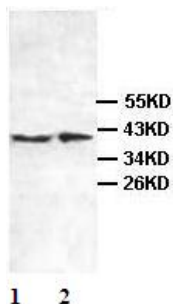
<b>Function</b>	GTPase-activating protein for the ADP ribosylation factor family (Potential). Binds phosphatidylinositol 3,4,5-trisphosphate (PtdInsP3) and inositol 1,3,4,5-tetrakisphosphate (InsP4). Possesses a stoichiometry of two binding sites for InsP4 with identical affinity.
<b>Tissue specificity</b>	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.
<b>Sequence similarities</b>	Contains 1 Arf-GAP domain. Contains 2 PH domains.
<b>Cellular localization</b>	Cytoplasm. Cell membrane. Constitutively associated with the plasma membrane. Excluded from the nucleus.

## Images



ab101675, at 1/100 dilution, staining membrane Centaurin alpha 2 in formalin-fixed, paraffin-embedded Human fetal spleen tissue, by Immunohistochemistry.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Centaurin alpha 2 antibody (ab101675)



**All lanes :** Anti-Centaurin alpha 2 antibody (ab101675) at 1/500 dilution

**Lane 1 :** Human fetal spleen lysate

**Lane 2 :** Human fetal kidney lysate

**Predicted band size :** 44 kDa

Western blot - Centaurin alpha 2 antibody (ab101675)

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