

Recombinant Calcineurin B homologous protein 2 / HCC Antigen 520 Antibody

Rabbit Monoclonal Antibody [Clone CHP2/13770R]

Catalog No	Format	Size
63928-RBM2-P0	Purified Ab with BSA and Azide at 200ug/ml	20 ug
63928-RBM2-P1	Purified Ab with BSA and Azide at 200ug/ml	100 ug
63928-RBM2-P1ABX	Purified Ab WITHOUT BSA or Azide at 1.0mg/ml	100 ug

Applications	Tested Dillution	Note
Immunohistochemistry (IHC)	1-2ug/ml	30 min at RT. Staining of formalin-fixed tissues requires heating tissue sections in 10mM Tris with 1mM EDTA, pH 9.0, for 45 min at 95°C followed by cooling at RT for 20 minutes
Western Blot (WB)	2-4ug/ml	

Product Details

Clone	CHP2/13770R
Immunogen	Recombinant full-length human Calcineurin B Homologous Protein 2 protein
Host	Rabbit
Clonality	Monoclonal
Isotype / Light Chain	IgG / Kappa
Mol. Weight of Antigen	22.45kDa
Cellular Localization	Cell membrane, Cytoplasm, Nucleus
Species Reactivity	Human
Positive Control	Expressed in malignantly transformed cells but not detected in normal tissues

**Optimal dilution for a specific application should be determined.*

Product Images for Recombinant Calcineurin B homologous protein 2 / HCC Antigen 520 Antibody

Specificity & Comments

Functions as an integral cofactor in cell pH regulation by controlling plasma membrane-type Na(+)/H(+) exchange activity. Binds to and activates SLC9A1/NHE1 in a serum-independent manner, thus increasing pH and protecting cells from serum deprivation-induced death. Also plays a role in the regulation of cell proliferation and tumor growth by increasing the phosphatase activity of PPP3CA in a calcium-dependent manner. Activator of the calcineurin/NFAT signaling pathway. Involved in the cytoplasmic translocation of the transcription factor NFATC3 to the nucleus.

Supplied As

200ug/ml of Ab produced in a mammalian-based expression system. Prepared in 10mM PBS with 0.05% BSA & 0.05% azide. Also available WITHOUT BSA & azide at 1.0mg/ml.

Storage and Stability

Antibody with azide - store at 2 to 8 °C. Antibody without azide - store at -20 to -80 °C. Antibody is stable for 24 months. Non-hazardous. No MSDS required.

Limitations and Warranty

This antibody is available for research use only and is not approved for use in diagnosis. There are no warranties, expressed or implied, which extend beyond this description. Company is not liable for any personal injury or economic loss resulting from this product.