Cytoplasmic protein NCK2 Polyclonal Antibody

Catalog No: #42268

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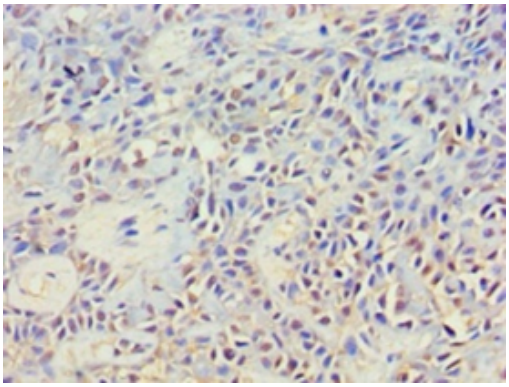
Description

Product Name	Cytoplasmic protein NCK2 Polyclonal Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Caprylic Acid Ammonium Sulfate Precipitation purified
Applications	IHC
Species Reactivity	Hu
Specificity	The antibody detects endogenous level of total Cytoplasmic protein NCK2 polyclonal antibody.
Immunogen Type	protein
Immunogen Description	Recombinant human Cytoplasmic protein NCK2 proteinB£B¨1-380aaB£B©
Target Name	Cytoplasmic protein NCK2
Other Names	Growth factor receptor-bound protein 4, NCK adaptor protein 2, Nck-2, SH2/SH3 adaptor protein NCK-beta, NCK2, GRB4
Accession No.	Swiss-Prot#: O43639
Uniprot	O43639
GeneID	8440;
Formulation	Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, PH 7.4
Storage	Store at -20°C

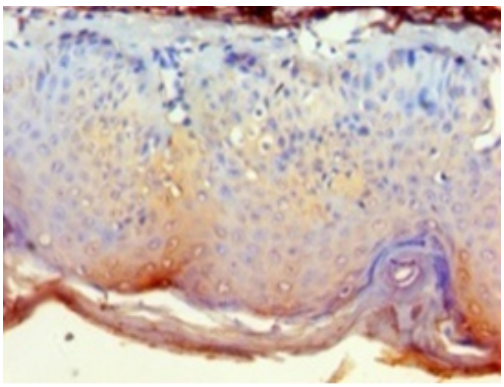
Application Details

Immunohistochemistry: 1:20 - 1:200

Images



Immunohistochemical analysis of paraffin-embedded human breast cancer using #42268 at dilution of 1:100.



Immunohistochemical analysis of paraffin-embedded human skin using #42268 at dilution of 1:100.

Background

Adapter protein which associates with tyrosine-phosphorylated growth factor receptors or their cellular substrates. Maintains low levels of EIF2S1 phosphorylation by promoting its dephosphorylation by PP1. Plays a role in ELK1-dependent transcriptional activation in response to activated Ras signaling.

References

[1]"Solution structure of the SH3 domain of the human cytoplasmic protein NCK2." RIKEN structural genomics initiative (RSGI)Submitted (JUL-2005).
[2]"Comparative large-scale characterisation of plant vs. mammal proteins reveals similar and idiosyncratic N-alpha acetylation features."Bienvenut W.V., Sumpton D., Martinez A., Lilla S., Espagne C., Meinnel T., Giglione C. Mol. Cell. Proteomics 11:M111.015131-M111.015131(2012).
[3]"System-wide temporal characterization of the proteome and phosphoproteome of human embryonic stem cell differentiation." Rigbolt K.T., Prokhorova T.A., Akimov V., Henningsen J., Johansen P.T., Kratchmarova I., Kassem M., Mann M., Olsen J.V., Blagoev B. Sci. Signal. 4:RS3-RS3(2011).

Note: This product is for in vitro research use only