

Metalloreductase STEAP1 Polyclonal Antibody

Catalog No: #42568

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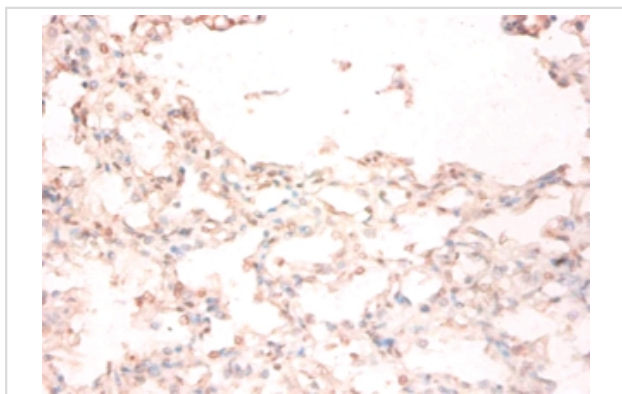
Description

Product Name	Metalloreductase STEAP1 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 Metalloreductase STEAP1 polyclonal antibody.
Immunogen Type	protein
Immunogen Description	Recombinant human Metalloreductase STEAP1 protein
Target Name	Metalloreductase STEAP1
Other Names	DAPK-interacting protein 1, DIP-1, Mind bomb homolog 1, Zinc finger ZZ type with ankyrin repeat domain protein 2, DIP1, KIAA1323, ZZANK2, MIB1
Accession No.	Swiss-Prot#: Q9UHE8
Uniprot	Q9UHE8
GeneID	26872;
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 lung using #42568 at dilution of 1:50.

Background

E3 ubiquitin-protein ligase that mediates ubiquitination of Delta receptors, which act as ligands of Notch proteins. Positively regulates the Delta-mediated Notch signaling by ubiquitinating the intracellular domain of Delta, leading to endocytosis of Delta receptors. Probably mediates ubiquitination and subsequent proteasomal degradation of DAPK1, thereby antagonizing anti-apoptotic effects of DAPK1 to promote TNF-induced apoptosis. By similarity. Mediates 'Lys-63'-linked polyubiquitination of TBK1, which probably participates in kinase activation.

References

[1] "Mind bomb is a ubiquitin ligase that is essential for efficient activation of Notch signaling by Delta." Itoh M., Kim C.-H., Palardy G., Oda T., Jiang Y.-J., Maust D., Yeo S.-Y., Lorick K., Wright G.J., Ariza-McNaughton L., Weissman A.M., Lewis J., Ch

Note: This product is for in vitro research use only