UNCX Antibody

Catalog No: #43839

Orders: order@signalwayantibody.com
Support: tech@signalwayantibody.com

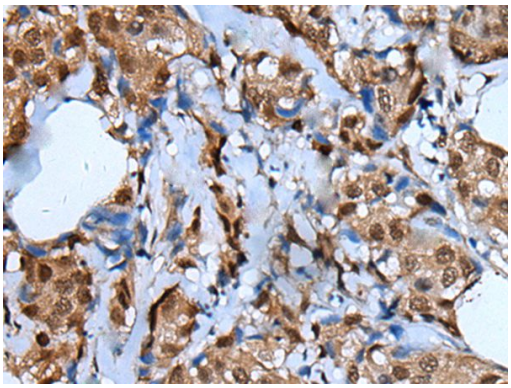
Description

Product Name	UNCX Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antigen affinity purification
Applications	IHC
Species Reactivity	Hu
Specificity	The antibody detects endogenous levels of total UNCX protein.
Immunogen Type	peptide
Immunogen Description	Synthetic peptide of human UNCX
Target Name	UNCX
Other Names	UNCX4.1
Accession No.	Swiss-Prot#: A6NJT0NCBI Gene ID: 340260
Uniprot	A6NJT0
GeneID	340260;
Concentration	0.7mg/ml
Formulation	Rabbit IgG in pH7.4 PBS, 0.05% NaN3, 40% Glycerol.
Storage	Store at -20°C

Application Details

Immunohistochemistry: 1: 20-100

Images



The image on the left is immunohistochemistry of paraffin-embedded Human breast cancer tissue using UNCX Antibody at dilution 1/25, on the right is treated with synthetic peptide. (Original magnification: x200)

Background

UNCX (UNC homeobox), also known as UNCX4.1, is a 531 amino acid nuclear transcription factor involved in neurogenesis and somitogenesis. Containing one homeobox DNA-binding domain, UNCX belongs to the paired homeobox family and UNC4 subfamily. UNCX assists in the formation of connections between hypothalamic neurons and the pituitary, which is necessary for central neurons to deliver hormones into peripheral blood. UNCX also plays a role in maintaining differentiation of the axial skeleton and acts upstream of Pax-9. The gene encoding UNCX maps to human

chromosome 7, which houses over 1,000 genes and comprises nearly 5% of the human genome. Chromosome 7 has been linked to Osteogenesis imperfecta, Pendred syndrome, Lissencephaly, Citrullinemia and Shwachman-Diamond syndrome.

Note: This product is for in vitro research use only