C11orf24 Antibody Biotin Conjugated

Catalog No: #C08338B

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Description

Product Name	C11orf24 Antibody Biotin Conjugated
Host Species	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purification	Purified by Protein A.
Applications	WB IHC-P
Species Reactivity	Hu
Immunogen Description	KLH conjugated synthetic peptide derived from human C11orf24
Conjugates	Biotin
Target Name	C11orf24
Other Names	CK024_HUMAN; Protein DM4E3; Uncharacterized protein C11orf24.
Accession No.	NCBI Gene ID53838
Uniprot	Q96F05
GeneID	53838;
Excitation Emission	N A
Cell Localization	Extracellular
Concentration	1mg ml
Formulation	10mM Tris Buffered Saline containing 1% BSA, 50% glycerol and 0.09% sodium azide.
Storage	Store at 4C for 12 months.

Application Details

Western blotting: 1:100-1000Immunohistochemistry1:100-500

Background

C11orf24, also known as DM4E3, is a 449 amino acid single-pass type I membrane protein that is expressed in brain, lung, skeletal muscle, kidney, spleen, prostate, testis, ovary and small intestine, with highest expression in heart, placenta, liver, pancreas and colon, and low expression in thymus and leukocytes. C11orf24 is encoded by a gene located on human chromosome 11, which consists of approximately 135 million base pairs and 1,400 genes. Chromosome 11 makes up around 4% of human genomic DNA and is considered a gene and disease association dense chromosome. The chromosome 11 encoded Atm gene is important for regulation of cell cycle arrest and apoptosis following double strand DNA breaks. Atm mutation leads to the disorder known as ataxia-telangiectasia. The blood disorders Sickle cell anemia and ?2 thalassemia are caused by HBB gene mutations. Wilms' tumors, WAGR syndrome and Denys-Drash syndrome are associated with mutations of the WT1 gene. Jervell and Lange-Nielsen syndrome, Jacobsen syndrome, Niemann-Pick disease, hereditary angioedema and Smith-Lemli-Opitz syndrome are also associated with defects in chromosome 11.

Note: This product is for in vitro research use only