WBS22 Rabbit pAb

CatalogNo: YN3451

Key Features

Host Species	Reactivity	Applications
• Rabbit	• Human,Mouse	• WB

MW	Isotype
• 31kD (Calculated)	• IgG

Recommended Dilution Ratios

WB 1:500-2000

Storage

Storage*	-15°C to -25°C/1 year(Do not lower than -25°C)
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

Basic Information

Clonality	Polyclonal

Immunogen Information

Immunogen	Synthesized peptide derived from human WBS22 AA range: 144-194
Specificity	This antibody detects endogenous levels of WBS22 at Human/Mouse

Target Information

Gene name	WBSCR22 HUSSY-03 PP3381

Protein Name WBS22

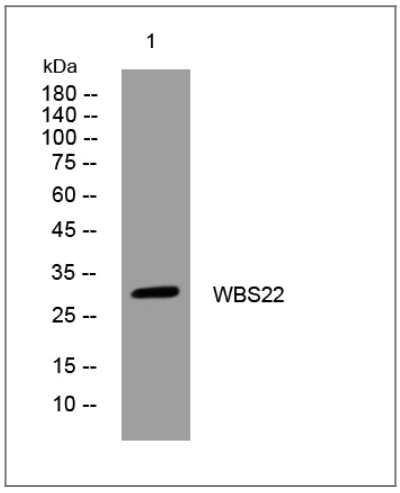
Organism	Gene ID	UniProt ID
Human	114049;	O43709;
Mouse	66138;	Q9CY21;

Cellular Localization Nucleus . Nucleus, nucleoplasm . Cytoplasm, perinuclear region . Cytoplasm . Localized diffusely throughout the nucleus and the cytoplasm (PubMed:24488492). Localizes to a polarized perinuclear structure, overlapping partially with the Golgi and lysosomes (PubMed:25851604). Localization is not affected by glucocorticoid treatment (PubMed:24488492). .

Tissue specificity Widely expressed, with high levels in heart, skeletal muscle and kidney. Detected at high levels in bronchial brushings and in normal lung (at protein level). In fetal lung tissue, expressed in the developing bronchial lumen lining cells (at protein level). Tends to be down-regulated in lungs affected by inflammatory diseases or neoplasia (at protein level). Expressed in immune cells, including B and T lymphocytes and macrophages.

Function Disease:Haploinsufficiency of WBSCR22 may be the cause of certain cardiovascular and musculo-skeletal abnormalities observed in Williams-Beuren syndrome (WBS) [MIM:194050]. WBS is a rare developmental disorder. It is a contiguous gene deletion syndrome involving genes from chromosome band 7q11.23.,Function:Methyltransferase that may act on DNA.,similarity:Belongs to the methyltransferase superfamily.,tissue specificity:Strongly expressed in heart, skeletal muscle and kidney. Also expressed in spleen, liver, lung and testis.,

Validation Data



Western blot analysis of lysates from Hela cells, primary antibody was diluted at 1:1000, 4°over night

Contact information

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