TTF-1 (Phospho Ser327) Rabbit pAb

CatalogNo: YP1537

Key Features

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

MW	Isotype
• 38kD (Observed)	• IgG

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.

Recommended Dilution Ratios

WB 1:1000-2000

Basic Information

Clonality	Polyclonal

Immunogen Information

Immunogen	Synthesized phosho peptide around human TTF-1 (Ser327)
Specificity	This antibody detects endogenous levels of Human TTF-1 (phospho-Ser327)

Target Information

Gene name	NKX2-1 NKX2A TITF1 TTF1

Protein Name TTF-1 (Ser327)

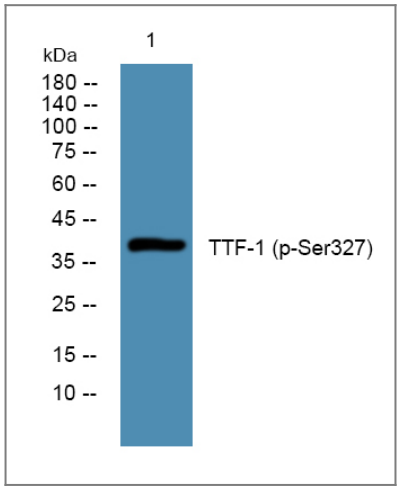
Organism	Gene ID	UniProt ID
Human	7080;	P43699;
Mouse	21869;	P50220;
Rat		P23441;

Cellular Localization Nucleus .

Tissue specificity Thyroid and lung.

Function Disease:Defects in NKX2-1 are the cause of benign hereditary chorea (BHC) [MIM:118700]; also known as hereditary chorea without dementia. BHC is an autosomal dominant movement disorder. The early onset of symptoms (usully before the age of 5) and the observation that in some BHC families the symptoms tend to decrease in adulthood suggests that the disorder results from a developmental disturbance of the brain. BHC is non-progressive and patients have normal or slightly below normal intelligence. There is considerable inter- and intrafamilial variability, including dysarthria, axial distonia and gait disturbances.,Disease:Defects in NKX2-1 are the cause of choreoathetosis, hypothyroidism, and neonatal respiratory distress (CHNRD) [MIM:610978]. This syndrome include neurological, thyroid, and respiratory problems.,Function:Transcription factor that binds and activates the promoter of thyroid specific genes such as thyroglobulin, thyroperoxidase, and thyrotropin receptor. Crucial in the maintenance of the thyroid differentiation phenotype. May play a role in lung development and surfactant homeostasis.,PTM:Phosphorylated on serine residues.,similarity:Belongs to the NK-2 homeobox family.,similarity:Contains 1 homeobox DNA-binding domain.,tissue specificity:Thyroid and lung.,

Validation Data



Western blot analysis of lysates from HCT116 cells, primary antibody was diluted at 1:1000, 4℃ over night

Contact information

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