

Description

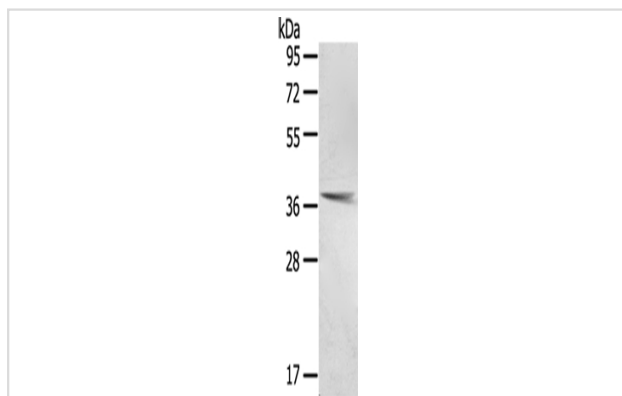
Product Name	PTX3 Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antigen affinity purification.
Applications	WB IHC
Species Reactivity	Hu
Specificity	The antibody detects endogenous levels of total PTX3 protein.
Immunogen Type	peptide
Immunogen Description	Synthetic peptide of human PTX3
Target Name	PTX3
Other Names	TSG-14; TNFAIP5
Accession No.	Swiss-Prot#: P26022Gene ID: 5806
Uniprot	P26022
GeneID	5806;
Calculated MW	42kd
Concentration	2.5mg/ml
Formulation	Rabbit IgG in pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol.
Storage	Store at -20°C

Application Details

Western blotting: 1:200-1:1000

Immunohistochemistry: 1:25-1:100

Images



Gel: 8%SDS-PAGE

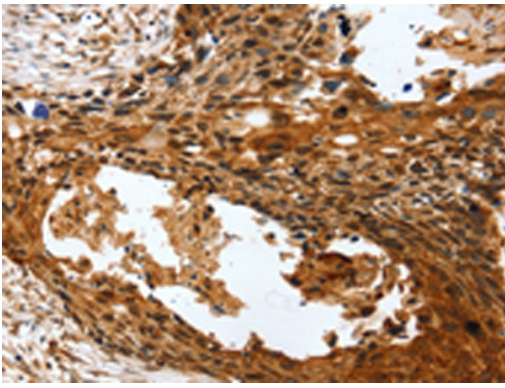
Lysate: 40 µg

Lane: Human normal lung tissue

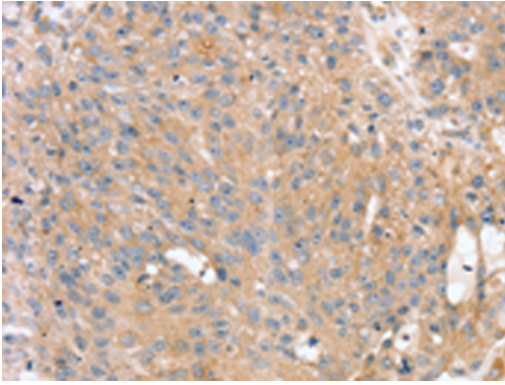
Primary antibody: 1/400 dilution

Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution

Exposure time: 20 seconds



Immunohistochemical analysis of paraffin-embedded Human esophagus cancer tissue using #43163 at dilution 1/40.



Immunohistochemical analysis of paraffin-embedded Human breast cancer tissue using #43163 at dilution 1/40.

Background

Ptx3, also known as tumor necrosis factor-stimulated gene sequence-14 (TSG14), is a secreted pattern-recognition receptor that has a non-redundant role in resistance to selected microbial agents. Ptx3 belongs to the family of B² long pentraxins^{B²}, which have C-terminal pentraxin domains and novel amino-terminal domains. Ptx3 binds selected pathogens, including *Aspergillus fumigatus*, *Pseudomonas aeruginosa* and *Salmonella typhimurium*. It is synthesized in IgA glomerulonephritis and activates mesangial cells.?

Note: This product is for in vitro research use only