

## DNAJC8 Antibody

Catalog No: #47068

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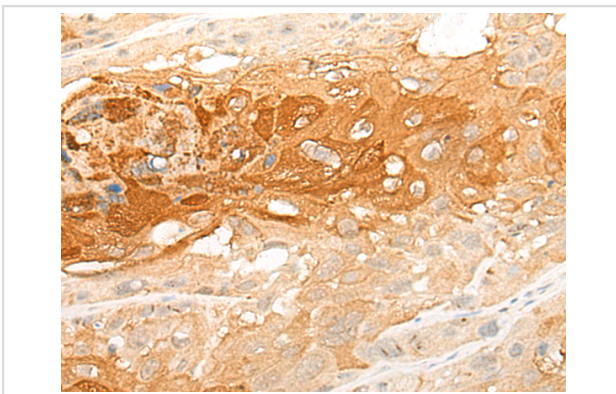
## Description

Product Name	DNAJC8 Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antigen affinity purification
Applications	IHC
Species Reactivity	Hu
Specificity	The antibody detects endogenous levels of total DNAJC8 protein.
Immunogen Type	peptide
Immunogen Description	Synthetic peptide of human DNAJC8
Target Name	DNAJC8
Other Names	SPF31; HSPC331
Accession No.	Swiss-Prot#:O75937 NCBI Gene ID:22826 Gene Accsion:NP_055095
Concentration	1.4mg/ml
Formulation	Rabbit IgG in pH7.4 PBS, 0.05% NaN <sub>3</sub> , 40% Glycerol.
Storage	Store at -20C

## Application Details

Immunofluorescence: 1: 20-100

## Images



The image is immunohistochemistry of paraffin-embedded Human esophagus cancer tissue using 47068(DNAJC8 Antibody) at dilution 1/35. (Original magnification: ?00)

## Background

The DnaJ family is one of the largest of all chaperone families and has evolved with diverse cellular localization and functions. Presence of a J domain defines a protein as a member of the DnaJ family. DnaJ heat shock induced proteins are derived from Escherichia coli and are under the control of the htpR regulatory protein. DnaJ proteins play a critical role in the HSP 70 chaperone machine by interacting with HSP 70 to stimulate ATP hydrolysis. DnaJ proteins contain cysteine rich regions that are composed of zinc fingers, which form a peptide binding domain responsible for the chaperone function. DnaJ proteins are important mediators of proteolysis and are involved in the regulation of protein degradation, exocytosis and endocytosis. DnaJC8 (DnaJ (Hsp 40) homolog, subfamily C, member 8), also known as SPF31 or HSPC331, is a 253 amino acid protein that is suggested to have

a potential role as a cochaperone in RNA processing-related processes.

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Note: This product is for in vitro research use only and is not intended for use in humans or animals.