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Rabbit Anti-HSF5 antibody

SL16558R

Product Name:	HSF5
Chinese Name:	热休克因子蛋白5抗体
Alias:	FLJ40311; Heat shock factor protein 5; Heat shock transcription factor 5; Heat shock transcription factor family member 5; HSF 5; HSF5; HSF5_HUMAN; HSTF 5; MGC134827.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,
Applications:	ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800ICC=1:100-500IF=1:100-500（Paraffin sections need antigen repair） not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight:	65kDa
Cellular localization:	The nucleus
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from human HSF5:1-100/596
Lsotype:	IgG
Purification:	affinity purified by Protein A
Storage Buffer:	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage:	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
PubMed:	PubMed
Product Detail:	HSF5 is a 596 amino acid protein that localizes to the nucleus and is thought to function as a transcription factor. Multiple isoforms of HSF5 exist due to alternative splicing events. The gene encoding HSF5 maps to human chromosome 17, which comprises over 2.5% of the human genome and encodes over 1,200 genes. Two key tumor suppressor genes are associated with chromosome 17, namely, p53 and BRCA1.

	Tumor suppressor p53 is necessary for maintenance of cellular genetic integrity by moderating cell fate through DNA repair versus cell death. Malfunction or loss of p53 expression is associated with malignant cell growth and Li-Fraumeni syndrome. Like p53, BRCA1 is directly involved in DNA repair, though specifically it is recognized as a genetic determinant of early onset breast cancer and predisposition to cancers of the ovary, colon, prostate gland and fallopian tubes. **Function:** May act as a transcriptional factor. **Subcellular Location:** Nucleus. **Similarity:** Belongs to the HSF family. **SWISS:** Q4G112 **Gene ID:** 124535 **Database links:** Entrez Gene: 124535 Human SwissProt: Q4G112 Human Unigene: 380061 Human **Important Note:** This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.