



Hsp40 (DNAJ) Polyclonal Antibody

Cat. No.: NHP-AB376

This product is for research use only and is not intended for diagnostic use.

This product is an antibody that was generated by immunizing rabbit against recombinant human Hsp40. It is used only in *in vitro* assays.

Detailed Product Description

Introduction

HSP40, also known as C2orf3 (chromosome 2 open reading frame 3), GCF (GC-rich sequence DNA-binding factor) or DNABF, is a 781 amino acid nuclear protein that belongs to the GCF family. Widely expressed, HSP40 binds the GC-rich sequences of beta-Actin, EGFR and calcium-dependent protease (CANP) promoters. HSP40 contains multiple phosphoserine and phosphothreonine residues, and two HSP40 isoforms are produced due to alternative splicing events. HSP40 is considered a candidate for susceptibility to dyslexia (DYX3) as both genes reside in close proximity on human chromosome 2. Chromosome 2 is the second largest human chromosome and consists of 237 million bases, encodes over 1,400 genes and makes up approximately 8% of the human genome.

Conjugate

None

Applications

IHC; IP; WB

Technical Specifications

Host Species

Rabbit

Species Reactivity

Beluga; Bovine; Chicken; Dog; Fish; Guinea Pig; Hamster; Human; Monkey; Mouse; Pig; Rabbit; Rat; Sheep; Xenopus

Immunogen

Recombinant human Hsp40

Product Property

Purification

Protein A Column

Format	Liquid
Concentration	1 mg/mL
Buffer	PBS, 0.09% azide, 50% glycerol
Storage	Short term: 4°C. Long term: Store at -20°C.

Target Information

Clonality	Polyclonal
Alternative Names	DnaJ (Hsp40) homolog, subfamily B, member 1; DnaJ homolog subfamily B member 1; DnaJ protein homolog 1; hDj-1; Heat shock 40 kDa protein 1; Heat shock protein; HSP; HSP 40; HSP40; Human DnaJ protein 1; NDAJB1; radial spoke 16 homolog B
Entrez Gene ID	3301