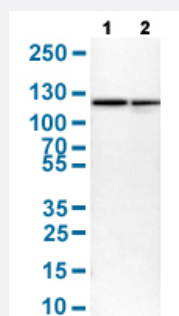


HSPA4 polyclonal antibody

Catalog # PAB30574

Size 100 uL

Applications

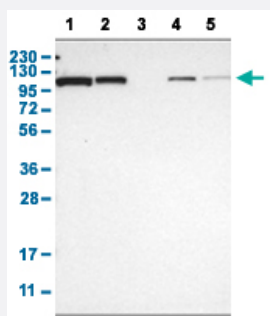


Western Blot (Cell lysate)

Western Blot analysis with HSPA4 polyclonal antibody (Cat # PAB30574).

Lane 1: NIH-3T3 cell lysate (Mouse embryonic fibroblast cells)

Lane 2: NBT-II cell lysate (Rat Wistar bladder tumour cells)



Western Blot

Western Blot analysis with HSPA4 polyclonal antibody (Cat # PAB30574).

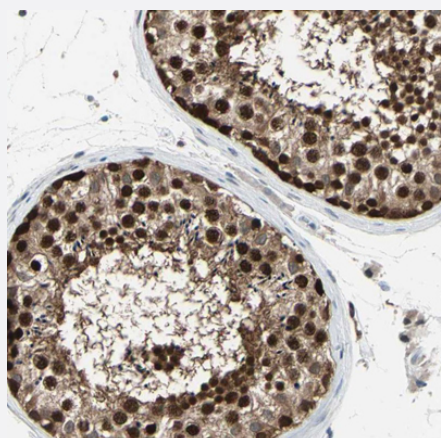
Lane 1: Human cell line RT-4

Lane 2: Human cell line U-251MG sp

Lane 3: Human plasma (IgG/HSA depleted)

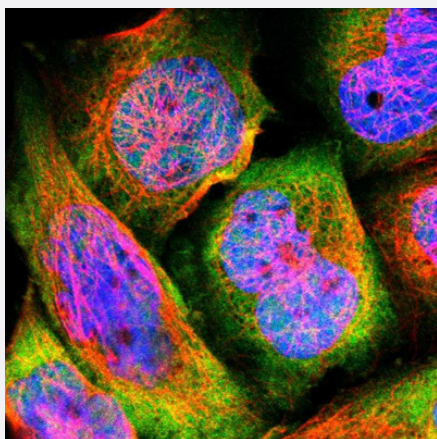
Lane 4: Human liver tissue

Lane 5: Human tonsil tissue



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining (Formalin-fixed paraffin-embedded sections) of human testis with HSPA4 polyclonal antibody (Cat # PAB30574) shows strong nuclear positivity in cells of seminiferous ducts.



Immunofluorescence

Immunofluorescent staining of human cell line A-431 with HSPA4 polyclonal antibody (Cat # PAB30574) shows positivity in cytoplasm and nucleus but excluded from the nucleoli. Antibody staining is shown in green.

Specification

Product Description	Rabbit polyclonal antibody raised against partial recombinant human HSPA4.
Immunogen	Recombinant protein corresponding to amino acids 699-808 of human HSPA4.
Sequence	FEELGKQIQQYMKIISFKNKEDQYDHLDAADMTKVEKSTNEAMEWMNNKLNQNKQSLTMDPV VKSKEIEAKIKELTSTCSPISKPKPKVEPPKEEQKNAEQNGPVDG
Host	Rabbit
Reactivity	Human, Mouse, Rat
Form	Liquid
Purification	Antigen affinity purification
Isotype	IgG
Recommend Usage	Immunofluorescence (1 - 4 ug/mL) Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) (1:200 - 1:500) Western Blot (1:100 - 1:250) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH 7.2 (40% glycerol, 0.02% sodium azide).
Storage Instruction	Store at 4°C for short term storage. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot (Cell lysate)

Western Blot analysis with HSPA4 polyclonal antibody (Cat # PAB30574).

Lane 1: NIH-3T3 cell lysate (Mouse embryonic fibroblast cells)

Lane 2: NBT-II cell lysate (Rat Wistar bladder tumour cells)

- Western Blot

Western Blot analysis with HSPA4 polyclonal antibody (Cat # PAB30574).

Lane 1: Human cell line RT-4

Lane 2: Human cell line U-251MG sp

Lane 3: Human plasma (IgG/HSA depleted)

Lane 4: Human liver tissue

Lane 5: Human tonsil tissue

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining (Formalin-fixed paraffin-embedded sections) of human testis with HSPA4 polyclonal antibody (Cat # PAB30574) shows strong nuclear positivity in cells of seminiferous ducts.

- Immunofluorescence

Immunofluorescent staining of human cell line A-431 with HSPA4 polyclonal antibody (Cat # PAB30574) shows positivity in cytoplasm and nucleus but excluded from the nucleoli. Antibody staining is shown in green.

Gene Info — HSPA4

Entrez GeneID	3308
Protein Accession#	P34932
Gene Name	HSPA4
Gene Alias	APG-2, HS24/P52, MGC131852, RY, hsp70, hsp70RY
Gene Description	heat shock 70kDa protein 4
Omim ID	601113
Gene Ontology	Hyperlink
Gene Summary	isoform a heat shock protein
Other Designations	heat shock 70kD protein 4 heat shock 70kDa protein 4, isoform a heat shock protein, 110 kDa

Pathway

- [Antigen processing and presentation](#)

Disease

- [Alzheimer disease](#)
- [Arteriosclerosis](#)
- [Bipolar Disorder](#)
- [Brain Ischemia](#)
- [Carotid Artery Diseases](#)
- [Carotid Stenosis](#)
- [Cognition](#)
- [Connective Tissue Diseases](#)
- [Diabetes Mellitus](#)
- [Fetal Diseases](#)
- [Fetal Membranes](#)
- [Genetic Predisposition to Disease](#)
- [Infection](#)
- [Inflammation](#)
- [Musculoskeletal Diseases](#)
- [Pregnancy Complications](#)
- [Premature Birth](#)
- [Rupture](#)
- [Skin Diseases](#)