10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

DDX41 (aa468-480) Antibody (internal region)

Peptide-affinity purified goat antibody
Catalog # AF4100a

Specification

DDX41 (aa468-480) Antibody (internal region) - Product Information

Application	**WB, IHC**
Primary Accession	Q9UJV9
Other Accession	NP_057306.2, 51428, 72935 (mouse), 314336 (rat)
Reactivity	**Human**
Predicted	**Mouse, Rat, Dog, Cow**
Host	**Goat**
Clonality	**Polyclonal**
Concentration	**0.5 mg/ml**
Isotype	**IgG**
Calculated MW	**69838**

DDX41 (aa468-480) Antibody (internal region) - Additional Information

Gene ID 51428

Other Names
Probable ATP-dependent RNA helicase DDX41, 3.6.4.13, DEAD box protein 41, DEAD box protein abstrakt homolog, DDX41, ABS

Format
0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin

Storage
Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions
DDX41 (aa468-480) Antibody (internal region) is for research use only and not for use in diagnostic or therapeutic procedures.

DDX41 (aa468-480) Antibody (internal region) - Protein Information

Name DDX41

Synonyms ABS

Function
Probable ATP-dependent RNA helicase. Is required during post- transcriptional gene expression. May be involved in pre-mRNA splicing.

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Cellular Location
Nucleus.

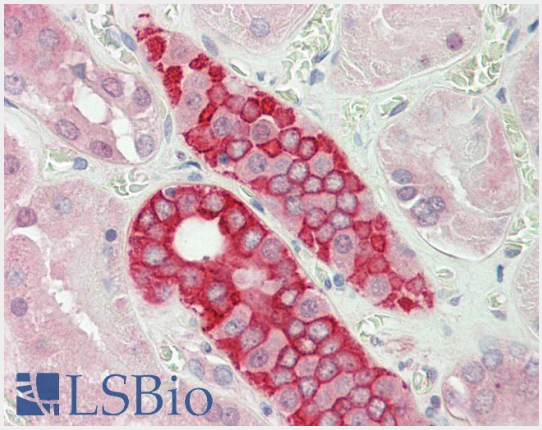
DDX41 (aa468-480) Antibody (internal region) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

DDX41 (aa468-480) Antibody (internal region) - Images

AF4100a (0.5µg/ml) staining of Human Bone Marrow lysate (35µg protein in RIPA buffer). Detected by chemiluminescence.



AF4100a (5µg/ml) staining of paraffin embedded Human Kidney. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.

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DDX41 (aa468-480) Antibody (internal region) - References

The helicase DDX41 senses intracellular DNA mediated by the adaptor STING in dendritic cells. Zhang Z, Yuan B, Bao M, Lu N, Kim T, Liu YJ. Nature immunology 2011 Oct 12 (10): 959-65. PMID: 21892174