

Rabbit DOM3Z Polyclonal Antibody | anti-DOM3Z antibody

DOM3Z Antibody

CATALOG # AAA323209	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunohistochemistry, Western Blot
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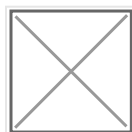
PRODUCT SYNONYMS

DOM3Z; Polyclonal Antibody; DOM3Z Antibody; Dom 3 homolog Z; DOM 3Z; Dom-3 homolog Z; DOM3 C. elegans homolog of Z; Dom3 homolog Z; DOM3L; Dom3z; DOM3Z_HUMAN; NG6; Protein Dom3Z; RAI1; RAT1-INTERACTING PROTEIN 1; anti-DOM3Z antibody

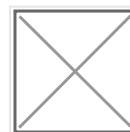
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	DOM3Z antibody detects endogenous levels of DOM3Z.
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	396
Applicable Applications for anti-DOM3Z antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthesized peptide derived from human DOM3Z.
Subcellular Location	Nucleus
Tissue Specificity	Ubiquitously expressed.
Predicted Cross Reactivity	Pig, Bovine, Horse, Sheep, Rabbit, Dog
Similarity	Pig (92%), Bovine (100%), Horse (100%), Sheep (100%), Rabbit (100%), Dog (100%)
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES


WB (Western Blot)

Western blot analysis of extracts of SH-SY5Y cells, using DOM3Z antibody.


WB (Western Blot)

Western blot analysis of extracts from mouse brain, using DOM3Z antibody. Lane 1 was treated with the blocking peptide.



IHC (Immunohistochemistry)

AAA323209 at 1/100 staining Human breast cancer tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the antibody for 1.5 hours at 22 degree C. An HRP conjugated goat anti-rabbit antibody was used as the secondary.

ADDITIONAL INFORMATION

Related Product Information for anti-DOM3Z antibody	Function: Ribonuclease that specifically degrades pre-mRNAs with a defective 5' end cap and is part of a pre-mRNA capping quality control. Has decapping, pyrophosphohydrolase and 5'-3' exonuclease activities. Has decapping activity toward incomplete 5' end cap mRNAs such as unmethylated 5' end-capped RNA to release GpppN and 5' end monophosphate RNA. The 5' end monophosphate RNA is then degraded by the 5'-3' exoribonuclease activity, enabling this enzyme to decap and degrade incompletely capped mRNAs. Also possesses RNA 5'-pyrophosphohydrolase activity by hydrolyzing the 5' end triphosphate to release pyrophosphates (By similarity). Similarity: Belongs to the DXO/Dom3Z family.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	20631980
NCBI GeneID	1797
NCBI Accession #	NP_005501.2
NCBI GenBank Nucleotide #	NM_005510.3
UniProt Accession #	O77932; O15004; O78127; O78128; Q5ST60; Q6IPZ2; Q9NPK4; A2CER3; B0UZ80
Molecular Weight	Observed: 45 kDa Predicted: 45 kDa
NCBI Official Full Name	decapping and exoribonuclease protein
NCBI Official Synonym Full Names	decapping exoribonuclease
NCBI Official Symbol	DXO
NCBI Official Synonym Symbols	NG6; RAI1; DOM3L; DOM3Z
NCBI Protein Information	decapping and exoribonuclease protein
UniProt Protein Name	Decapping and exoribonuclease protein
UniProt Gene Name	DXO
UniProt Synonym Gene Names	DOM3L; DOM3Z; NG6; DXO

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/dom3z-antibody-immunohistochemistry-western-blot-elisa/323209>