antibodies .- online.com







anti-CERS6 antibody (N-Term)

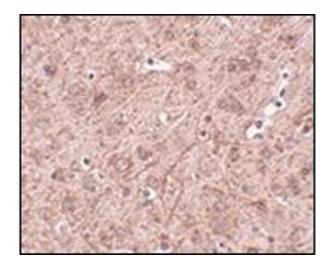
Images



Overview	
Quantity:	0.1 mg
Target:	CERS6
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CERS6 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Enzyme Immunoassay (EIA)
Product Details	
Immunogen:	LASS6 antibody was raised against a 13 amino acid peptide near the amino terminus of the human LASS6.
Isotype:	IgG
Specificity:	This antibody detects LASS6. It is predicted not to cross-react with LASS5.
Cross-Reactivity (Details):	Species reactivity (tested):Human, mouse, rat
Purification:	Peptide affinity chromatography
Target Details	
Target:	CERS6

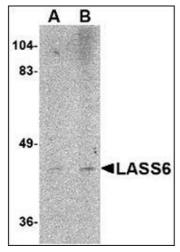
Target Details

Alternative Name:	LASS6 (CERS6 Products)
Background:	The LASS (longevity assurance homolog) family members represent a subgroup of the
	homeobox gene family and are highly conserved from yeasts to mammals. Six members of this
	family of proteins have been characterized (LASS1-6) and all are involved in ceramide synthesis
	during cell growth regulation and cancer differentiation. Like the highly homologous LASS5,
	LASS6 is also an endoplasmic reticulum, multi-pass membrane protein. LASS6 is also involved
	in the synthesis of C14, C16 and C18-ceramide, but shows a preference for unsaturated fatty
	acids. LASS6 is broadly expressed in a wide range of tissues and microarray data suggests tha
	it may play a role in cancer differentiation and early embryonic development. At least two
	isoforms of LASS6 are known to exist. Synonyms: LAG1 longevity assurance homolog 6
Gene ID:	253782
NCBI Accession:	NP_982288
UniProt:	Q6ZMG9
Application Details	
Application Notes:	ELISA. Western blot: 1 - 2 μg/mL. Immunohistochemistry on paraffin sections.
	Other applications not tested.
	Optimal dilutions are dependent on conditions and should be determined by the user.
Restrictions:	For Research Use only
Handling	
Buffer:	PBS containing 0.02 % sodium azide
Preservative:	Sodium azide
Precaution of Use:	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which
	should be handled by trained staff only.
Handling Advice:	Avoid repeated freezing and thawing.
Storage:	4 °C/-20 °C
Storage Comment:	Store at 2 - 8 °C for up to one month or (in aliquots) at -20 °C for longer.



Immunohistochemistry (Paraffin-embedded Sections)

Image 1. Immunohistochemistry of LASS6 in mouse brain tissue with this product at $2.5 \, \mu g/ml$.



Western Blotting

Image 2. Western blot analysis of LASS6 in rat brain tissue lysate AP30493PU-N at (A) 1 and (B) 2 μ g/ml.