

Amyloid fibril proteins and their precursors in human

CNS Related Amyloid Diseases Removed From Table

Fibril protein	Precursor protein	Systemic and/or localized	Acquired or hereditary	Target organs	
5 most common types of systemic amyloidosis (Non-CNS)	ATTR	Transthyretin, wild type	S	A	Heart mainly in males, ligaments, tenosynovium
	hATTR	Transthyretin, variants	S	H	PNS, ANS, heart, eye, leptomeninges
	AL	Immunoglobulin light chain	S, L	A, H	All organs, usually except CNS
	AA	(Apo) Serum amyloid A	S	A	All organs except CNS
	ALECT2	Leukocyte chemotactic factor-2	S	A	Kidney, primarily
AH	Immunoglobulin heavy chain	S, L	A	All organs except CNS	
Ab2M	b2-Microglobulin, wild type	S	A	Musculoskeletal system	
AApoAI	b2-Microglobulin, variant	S	H	ANS	
	Apolipoprotein A I, variants	S	H	Heart, liver, kidney, PNS, testis,	
AApoAII	Apolipoprotein A II, variants	S	H	larynx (C-terminal variants), skin (C-terminal variants)	
AApoAIV	Apolipoprotein A IV, wild type	S	A	Kidney	
AApoCII	Apolipoprotein C II, variants	S	H	Kidney medulla and systemic	
AApoCIII	Apolipoprotein C III, variants	S	H	Kidney	
AGel	Gelsolin, variants	S	H	PNS, cornea	
ALys	Lysozyme, variants	S	H	Kidney	
AFib	Fibrinogen a, variants	S	H	Kidney, primarily	
ACys	Cystatin C, variants	S	H	PNS, skin	
ACal	(Pro)calcitonin	L	A	C-cell thyroid tumors	
AIAPP	Islet amyloid polypeptide**	L	A	Islets of Langerhans, insulinomas	
AANF	Atrial natriuretic factor	L	A	Cardiac atria	
APro	Prolactin	L	A	Pituitary prolactinomas, aging	
AIns	Insulin	L	A	pituitary	
ASPC***	Lung surfactant protein	L	A	iatrogenic, local injection	
AGal7	Galectin 7	L	A	Lung	
ACor	Corneodesmosin	L	A	Skin	
AMed	Lactadherin	L	A	Cornified epithelia, hair follicles	
AKer	Kerato-epithelin	L	A	Senile aortic, media	
ALac	Lactoferrin	L	A	Cornea, hereditary	
AOAAP	Odontogenic ameloblast-associated protein	L	A	Cornea	
ASem1	Semenogelin 1	L	A	Odontogenic tumors	
AEnf	Enfurvitide	L	A	Vesicula seminalis	
				iatrogenic	

^aProteins are listed, when possible, according to relationship. Thus, apolipoproteins are grouped together, as are polypeptide hormones.

*ADan is the product of the same gene as ABri.

**Also called amylin.

***Not proven by amino acid sequence analysis.

Modified

From: Sipe JD, Benson MD, Buxbaum JN, et al. Amyloid fibril proteins and amyloidosis: chemical identification and clinical classification International Society of Amyloidosis 2016 Nomenclature Guidelines. *Amyloid*. 2016;23(4):209-213.