

Antibody designation	Used Species	Proteins and Peptides used as Antigen	Supplier & Product Number
mab = monoclonal antibody pab = polyclonal antibody		Amino acid (aa)-positions of peptides shown (if available)	
Perilipin (PLIN1)			
mab Peri112.17	mouse	aa1-20 - mouse sequence	Progen, Heidelberg, Germany Cat-No. 651156
Adipophilin (PLIN2)			
mab AP125	mouse	aa6-28 - mouse sequence	Progen, Cat-No. 651102
pab Adipo-hCT423	guinea pig	aa423-437 - human sequence	Progen, Cat-No. GP41
TIP47 (PLIN3)			
mab TIP47.49.19	mouse	Complete recombinant polypeptide	Progen, Cat-No. 66118
pab TIP47-hCT420	guinea pig	aa420-431 - human sequence	Progen, Cat-No. GP32
S3-12 (PLIN4)			
pab S3-12-hNT-1	guinea pig	aa1-15 - human sequence	Progen, Cat-No. GP38
pab S3-12-hCT-1348	guinea pig	aa1348-1357 - human sequence	H.Heid, DKFZ, Heidelberg
Vimentin			
mab VIM3B4	mouse	Protein purified from calf lens	Progen, Cat-No. 61013
Butyrophilin (BTN1A)			
mab Butyrophilin 102.43	mouse	Protein purified from bovine MFGM	Progen, Cat-No. 651153
pab Butyrophilin	guinea pig	Protein purified from bovine MFGM	Progen, Cat-No. GP153
Xanthine Oxidoreductase (XOR)			
pab Xanthine Oxidase *	guinea pig	Protein purified from bovine MFGM	Progen, Cat-No. GP154
pab hXO-NT-1 *	guinea pig	aa1-12 - human sequence	H.Heid, DKFZ, Heidelberg
pab hXO-303	guinea pig	aa303-25 - human sequence	H.Heid, DKFZ, Heidelberg
pab hXO-CT-1318 *	guinea pig	aa1318-33 - human sequence*	H.Heid, DKFZ, Heidelberg
		*C in Pos. 1325 replaced by B (γ-aminobutyric acid)	
pab hXO-CT-1326 *	guinea pig	aa1326-33 - human sequence	H.Heid, DKFZ, Heidelberg
pab Xanthine Oxidase (C-Terminus) *	rabbit	aa1315-35 – mouse sequence	Ian Mather, University Maryland, College, Park, MD, USA (see Jeong et al., JBC, 2009)
pab XDH N-term *	rabbit	aa206-234 - human sequence	Abgent via BioMol, Hamburg, Germany, Cat-No. WA-AP9277a88
pab XDH (221-235)	rabbit	aa221-235 - human sequence	Sigma, Taufkirchen, Germany Cat-No. SAB 1104164
pab XDH (976-990)	rabbit	aa976-990 - human sequence	Sigma, Cat-No. SAB 1104165
pab Xanthine Oxidase	rabbit	Protein purified from bovine buttermilk	Rockland via BioMol, Cat-No. 200-4183-0100
mab Xanthine Oxidase (EPR4605)	rabbit	Peptide internal sequence: “considered to be commercially sensitive”	Abcam, Cambridge, England Cat-No. ab 109235
mab Xanthine Oxidase * (A-3)	mouse	aa251-360 - human sequence	Santa Cruz Biotechnologies, Heidelberg, Cat-No. SC-398548
Aldehyde Oxidase (AOX)			
pab AOX1-hNT-1	guinea pig	aa1-16 - human sequence	H.Heid, DKFZ, Heidelberg
pab AOX1-h562	guinea pig	aa562-578 - human sequence	H.Heid, DKFZ, Heidelberg
pab AOX1-hCT-1323 *	guinea pig	aa1323-38 - human sequence	H.Heid, DKFZ, Heidelberg
pab AOX1 (H-64)	rabbit	aa854-917 - human sequence	Santa Cruz Biotechnologies Cat-No. SC-98500
pab AOX1 (566-580)	rabbit	aa566-580 - human sequence	Sigma, Cat-No. A3485
pab AOX1 (1316-1330)	rabbit	aa1316-1330 - human sequence	Sigma, Cat-No. A3610
mab AOX1 (D-8) *	mouse	aa854-917 - human sequence	Santa Cruz Biotechnologies Cat-No. SC-365291
Superoxide dismutase (SOD)			
pab SOD2	rabbit	Full length protein (human)	Abcam, Cat-No. 13533

* = XO and AOX antibodies preferentially used