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Roles of Sperm Serine Proteases in Mammalian Fertilization

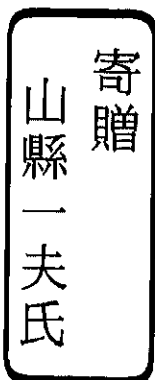
1999

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ABBREVIATIONS

ABC	avidin-biotin peroxidase complex
<i>Acr</i>	acrosin gene
AR	acrosome reaction
BSA	bovine serum albumin
CBB	Coomassie brilliant blue
cDNA	complementary DNA
DFP	diisopropyl fluorophosphate
ECL	enhanced chemi-luminescence
FITC	fluorescein isothiocyanate
hCG	human chorionic gonadotropin
Hepes	<i>N</i> -(2-hydroxymethyl) piperazine- <i>N'</i> -(2-ethanesulfonic acid)
Ig	immunoglobulin
IVF	<i>in vitro</i> fertilization
kDa	kilodalton
mAb	monoclonal antibody
NP-40	Nonidet P-40
pAB	<i>p</i> -aminobenzamidine
PAGE	polyacrylamide gel electrophoresis
PBS	phosphate-buffered saline
PMSF	phenylmethanesulfonyl fluoride
PMSG	pregnant mare serum gonadotropin
SDS	sodium dodecyl sulfate
TLCK	<i>N</i> ^α -tosyl-L-lysine chloromethyl ketone
TPCK	<i>N</i> -tosyl-L-phenylalanine chloromethyl ketone
Tris	tris (hydroxymethyl) aminomethane
ZP	zona pellucida
2D	two-dimensional

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