Detailed Structure of the Cortex

Produced for the CRC for Premium Quality Wool undergraduate program by;
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Diagram of an electron micrograph of a wool cortical cell in cross-section

**Intermediate Filament**
- Keratin IF proteins
- Type I & Type II IF

**Matrix**
- Keratin associated proteins
- Cysteine-rich proteins
- Glycine/tyrosine-rich proteins

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TEM of cortex ultrastructure

Ortho-cortex

Intermediate filaments

Matrix

Para-cortex