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How do hormones act on target cells?

- Lipid-based hormones
 - ♦ hydrophobic & lipid-soluble
 - diffuse across membrane & enter cells
 - bind to receptor proteins in cytoplasm & nucleus
 - bind to DNA as <u>transcription factors</u>
- Protein-based hormones
 - ♦ hydrophilic & not lipid soluble
 - can't diffuse across membrane
 - receptor proteins in cell membrane
 - trigger <u>secondary messenger pathway</u>
 activate internal cellular response
 - enzyme action, uptake or secretion of molecules...































